KEARNEY HIGH SCHOOL
COURSE DESCRIPTION GUIDE



2026-27

The Kearney Public School District does not discriminate on the basis of race, color, national origin, sex, disability, religion, age or other protected status in its programs and activities.

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KEARNEY HIGH SCHOOL SCHEDULE

At Kearney High School, we have adopted the 5x4 block. Because of the increased class time, a class that would typically be a semester long will be completed in 9 weeks. A year-long course will be completed in 18 weeks or one semester. Grades will be stored to the transcript at the end of each term (9 week period).

Daily Bell Schedule

Block 1	8:00-9:23
Block 2	9:27-10:50
Block 3	10:54-12:47
	Lunch A 10:54 -11:24
	Lunch B 11:22 -11:52
	Lunch C 11:50 -12:20
	Lunch D 12:17 -12:47
Block 4	12:51-2:14
Block 5	2:18-3:41

Bearcat Rally **Time/Pep (T)**

Block 1	8:00-9:15
Block 2	9:19-10:34
BT/Pep Rally	10:34-11:14
Block 3	11:18-1:03
	Lunch A 11:18-11:48
	Lunch B 11:43 -12:13
	Lunch C 12:08 -12:38
	Lunch D 12:33 -1:03
Block 4	1:07-2:22
Block 5	2:26-3:41

Based upon Education feedback on the following recommendations are being made as additions to the KHS Course Description Guide.

KPS Board of Committee Meeting January 3, 2018,

Course Offerings and Selection of Courses

All of the courses outlined in this document are potential offerings. Kearney High School may elect to not offer a course for a variety of reasons. It is the practice at Kearney High School to look at a variety of factors when making decisions on which courses to offer. Factors include but are not limited to:

- Low enrollment or request numbers in the course.
- How the course fits into the master schedule.
- Finding teachers with appropriate teaching credentials.
- Impact or constraints that the course will have on other sections and numbers.
- If the course is a graduation or college entrance requirement or in a program of study.
- If there are effective alternative courses or programs that students could participate in.

Students will be notified if they have registered for a course which will not be offered and will have the opportunity to select an alternate course.

REGISTRATION & REQUIREMENT INFORMATION

A student will be eligible for graduation from Kearney High School after earning **total credits** and meeting the following requirements.

SUBJECT AREA	REQUIRED CREDITS (Class of 2027 - 2029)	REQUIRED CREDITS (Class of 2030 and beyond)
English	40 credits (Language Arts)	40 credits (Language Arts)
Math	30 credits	30 credits
Science	30 credits	30 credits
Social Studies	30 credits (must include Political Science)	30 credits (must include Political Science)
Physical Education/Health	10 credits (Intro to Health and PE)	10 credits (Intro to Health and PE)
PE Elective	5 credits	5 credits
Career & Technical Education	5 credits	5 credits
Financial Literacy	5 credits	10 credits (Personal Finance)

Computer Science	5 credits	5 credits
Electives	85 credits	85 credits
Required total credits	**245**	**250**

Kearney High School provides equal and open access for disadvantaged and disabled students to regular programs, including specific vocational courses and cooperative education programs. Kearney High utilizes a block schedule for its classes. A class listed as one "term" (9 weeks) is the equivalent of a traditional class one semester in length (18 weeks) worth five credits; two terms in block format lasts for 18 weeks and has the same credit status (10 credits) as a full year class in the traditional format. Most classes are one or two terms in length, although some classes may be offered for three or four terms worth the equivalent credit. Students in grades 9-12 must register for at least 100 credit hours during any school year unless they are taking ELOs or study halls. **Students should register only for those courses which they fully intend to complete.** Any drop after this time will be entered on the student's permanent record as a withdrawal/fail. Students should carefully consider Honors or AP level courses as they have more intensive expectations. Once students are in the Honors or AP courses, they need to complete the course.

SCHEDULES AND SCHEDULE CHANGES

Students should register only for courses they fully intend to complete. Schedules will be shared over the summer. During the summer schedule change window, students may request schedule changes for the following reasons: balancing core classes; missing a prerequisite or being scheduled in the incorrect sequence; missing a graduation or college entrance requirement; or the need to retake a course. Some ELOs may not be added to a student's schedule until Summer Stampede or later. Minimal schedule changes will be permitted during the school year and only in certain circumstances. A schedule change is not considered approved until the student receives confirmation from their counselor that the change has been made. Students must continue to attend class until that time. If a student fails to continue attending class, he or she will still be held responsible for the missing work in the event that their schedule change is not approved. Students who wish to drop a class for any reason outside of the designated schedule change times will be issued a withdrawal/fail on their permanent transcript.

Students are not allowed to drop dual credit courses through the college without communicating with their counselor first as this affects their high school schedule.

Any student considering graduation at mid-year must arrange a personal interview with their school counselor. In addition, a written request from both the student and parents must be submitted indicating the reason. The official form may be obtained in the School Counseling Office.

KEARNEY HIGH SCHOOL GRADING SYSTEM

SCALE		TRADITIONAL	HONORS	AP (Advanced Placement
100-98	A+	4.2	4.7	5.2
97-90	A	4.0	4.5	5.0
89-87	B+	3.2	3.7	4.2
86-80	B	3.0	3.5	4.0
79-77	C+	2.2	2.7	3.2

76-70	C	2.0	2.5	3.0
69-67	D+	1.2	1.7	2.2
66-60	D	1.0	1.5	2.0

Accelerated Course Offerings		
Honors	**AP**	
H. English I H. Algebra II H. Pre-Calculus H. Biology H Chemistry	AP American History AP Biology AP Calculus AP Chemistry AP Computer Science A AP English (Language & Comp) AP English (Literature & Comp) AP English II Seminar	AP Human Geography AP Music Theory AP PLTW Computer Sci Principles AP Spanish AP Statistics AP World History
An Honors course is one that is accelerated beyond the normal course of study. An AP Course is one that prepares a student to take the AP test. Minuses are utilized in grade reporting, but do not count in the calculation of GPAs.		

AP Courses

Advanced Placement courses are designed by the College Board to give high school students an introduction to college-level material. The classes are rigorous and demand more time from students. KHS recommends a limit of four AP courses a year. Students who would like to add additional courses can do this with administrative approval. Courses may not be offered if there are not enough requests for the class.

Dual Credit Course Offerings

**** Indicates the course is off -site (on the college campus or online)**

CCC Dual Credit Course Offerings	CCC Dual Credit Course Offerings	UNK Dual Credit Course Offerings
AP Calculus	Mechatronics I	AP American History
AP Statistics	Mechatronics II	AP Chemistry
Blueprint Reading	Occupational Math **	AP Eng Language
Certified Nursing Assistant **	Personal Financial Planning	AP Spanish
College Algebra **	Production Welding I	AP Eng Literature
Elements of Chemistry **	Production Welding II	AP World History
Entrepreneurship	Transportation I	Art III
Info Tech B **	Transportation II	Intro to American Politics**
	Transportation III	Teaching in a Democratic Society **
		Foundations of Early Childhood**
		Literacy Methods for Preschool **
		Supporting Young Children**
		Curriculum for Children 0-8 **

Students are not allowed to drop dual credit courses through the college without communicating with their counselor first as this affects their high school schedule.

College Library Access

The KPS parent permission form for students having access to library and classroom reading materials does not apply to students taking early college or dual credit classes at CCC, UNK, or any collegiate institution. Registered students in college classes will have full access to the colleges' collegiate library systems without a preview or approval process in place.

IEP Plans and 504 Plans

Students with IEP Plans and 504 Plans who are registered for dual credit courses at CCC or UNK will need to contact the disabilities services at the college to apply for accommodations. These accommodations may not be the same as offered at the high school level.

UNIVERSITY OF NEBRASKA COURSE REQUIREMENTS

Category	Units*	University Wide Requirements
English	4 Units	All units must include intensive reading and writing experiences. Innovative interdisciplinary courses such as speech may be substituted if they include substantial amounts of reading and writing.
Mathematics	3 Units	Algebra I, Algebra II, and Geometry
Social Studies	3 Units	One unit drawn from American and/or world history; one additional unit drawn from history, American government, and/or geography; and a third unit drawn from any social science discipline.
Natural Sciences	3 Units	At least two units selected from biology, chemistry, physics, and earth sciences. One of the above units must include laboratory instruction.
World Language	2 Units**	Both units must be in the same language.
Additional Academic Requirements	1 Unit	UNK-One additional unit chosen from the 5 categories above.
UNL-Mathematics: One additional unit that builds on a knowledge of algebra.***		
UNO-One unit chosen from any academic discipline		
TOTAL UNITS	**16 Units**	**16 Units**

*A unit is a Carnegie Unit, comprising high school study for a period of one year. Equivalent requirements or competencies may be substituted with the approval of the appropriate university campus. One unit is equal to 10 credits or a semester block course.
**Students who are unable to take two units of world language in high school may still qualify for admission. Such students will be required to take two semesters of foreign language at the University of Nebraska-Lincoln. Some University of Nebraska–Lincoln degree programs require the equivalent of 4 years of high school world language in the same language in order to graduate. These students are still required to complete 16 units of academic courses for admission.
***World Language at UNK-students may substitute with additional English, Math or Science
***World Language at UNO-Students who do not take two years of world language in high school may still qualify for admission to colleges without a world language requirement.
***It is not required that all students take a trigonometry or pre-calculus course for their fourth unit of mathematics. Other mathematics courses that build on two years of algebra may be taken to satisfy this requirement.
****The University will make the final determination on what are acceptable preparatory courses.

AGRICULTURE, FOOD AND NATURAL RESOURCES

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit/AP
Intro to Ag	9, 10, 11, 12	10	*None*	X	No
Plant Science	9, 10, 11, 12	10	*Intro to Ag*	X	No
Animal Science	9, 10,11, 12	10	*Intro to Ag*	X	No
Agribusiness	10, 11, 12	10	*Intro to Ag*	X	No
Natural Resources	9, 10, 11, 12	10	*Intro to Ag*	X	No
Floriculture	11, 12	5	*Plant Sciences*	X	No
Wildlife Management	11, 12	5	*Natural Resources*	X	No
Veterinary Sciences	11, 12	5	*Animal Science*	X	No
Large Animal Management	11, 12	5	*Animal Science*	X	No

INTRO TO AG - HSAG100

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: NONE*

This is an introductory course in agriculture, food, and natural resources. It focuses on the study of agriculture and the eight career pathways, their interrelationship and the impact of increased human involvement in these systems.

PLANT SCIENCE - HSAG105

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: Intro to Ag*

The focus of this course is on the broad study of the basic principles of facts related to the plant science field and food and fiber crops produced within the United States.

ANIMAL SCIENCE - HSAG110

Grade Level: 9,10,11,12 ; Course Credit: 10; *Prerequisite: Intro to Ag*

This course focuses on many different aspects of livestock production in the Midwest. Topics included are careers, breeds, products, meat science, genetics, livestock selection, nutrition and feeding, and more. These topics are related to beef cattle, dairy cattle, sheep, swine, goat, poultry and horses.

AGRIBUSINESS - HSAG115

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Intro to Ag*

This course allows students to develop knowledge and skills to evaluate and apply agriculture principles, methods, and techniques in a global agribusiness environment. Basic agriculture economics concepts will be applied as well. Students will be able to track global markets, make management decisions, and network with local Agribusiness leaders in our community through taking this course.

NATURAL RESOURCES - HSAG120

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: Intro to Ag*

A course that provides an opportunity for students to increase awareness of the close ties among living organisms as well as natural and environmental concerns with the interrelationships of living organisms and the world around us. Students are exposed to careers related to natural resource systems.

FLORICULTURE - HSAG125

Grade Level: 11,12 ; Course Credit: 5 ; *Prerequisite: Plant Sciences*

This is a capstone course that introduces business procedures, design principles and production techniques used in retail and wholesale floral businesses.

WILDLIFE MANAGEMENT - HSAG130

Grade Level: 11,12 ; Course Credit: 5 ; *Prerequisite: Natural Resources*

This is a capstone course that has an emphasis on the conservation of natural resources including outdoor recreation topics. This course provides students with the opportunity to understand and appreciate the importance of maintaining the land and ecological systems that enable non-domesticated animals to thrive.

VETERINARY SCIENCES - HSAG136

Grade Level: 11,12 ; Course Credit: 5 ; *Prerequisite: Animal Science*

This is a capstone course that provides instruction on animal husbandry topics related to companion animals (dogs, cats, etc.) that are served by a veterinarian. This course includes breeding, grooming, care and marketing of companion animals. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

LARGE ANIMAL MANAGEMENT - HSAG140

Grade Level: 11,12 ; Course Credit: 5 ; *Prerequisite: Animal Science*

This is a capstone course that includes advanced scientific principles and communication skills that build on the knowledge and skills learned in Animal Science. Units included are Conception, Continued Growth, and Consumption and are tailored toward Nebraska's beef and swine industries. Industry tours and guest speakers are also a key part of the learning experience of this course.

ART

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit /AP
Art I	9,10,11,12	5	*None*		No
Art II	10,11,12	5	*Art I*		No
Art III	11,12	5	*Art II*		UNK Dual Credit
Art IV	11,12	5	*Art III*		No
Ceramics I	9,10,11,12	5	*None*		No
Ceramics II	10,11,12	5	*Ceramics I*		No
Ceramics III	11,12	5	*Ceramics II*		No
Sculpture	10,11,12	5	*None*		No
Graphic Design I	9,10,11,12	5	*None*		No
Graphic Design II	10,11,12	5	*Graphic Design I*		No
Graphic Design III	10,11,12	5	*Graphic Design II*		No
Digital Illustration	10, 11, 12	5	*Graphic Design I*		No
Printmaking	10,11,12	5	*Art I*		No
Portfolio	11,12	5	*Four courses in a*		No

			variety of art media		
Capstone	12	5	*Three entry-level courses and one pathway*		No
Bearcat Design Project *SEE WORK BASED LEARNING					

ART I - HSAR100

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

This course introduces students to the fundamental skills of 2-D art through drawing and painting. Students will learn and apply the elements of art and principles of design to produce art that reflects their understanding. Students will learn how to use a variety of media to visually communicate ideas. This course is designed to provide students with the foundation of artistic expression.

ART II - HSAR105

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: Art I*

This course is dedicated to advance the 2-D art techniques and skills in drawing and painting from the Art 1 class. Students will explore a variety of subject matter, art styles, and media. The creative process will be used as students will visually communicate personal voice through aesthetic theories.

ART III - HSAR110

Grade Level: 11,12 ; Course Credit: 5 ; **UNK Dual Credit Eligible**; *Prerequisite: Art II*

This course is designed for students to advance their 2-D art techniques and skills by exploring new subject matter, art styles, and media. A focus is placed on advanced techniques, skill, personal voice through ideation, the creative process, and critiques. Three credit hours of dual credit offered through UNK (ART 100). This course is taught at KHS.

ART IV - HSAR115

Grade Level: 11,12 ; Course Credit: 5 ; *Prerequisite: Art III*

This course is designed to take students through the process of creating a body of work as a professional fine artist. Students will synthesize their knowledge of advanced technique, skill, media, personal voice, and ideation through a sustained investigation of three artworks.

CERAMICS I - HSAR200

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

This course is an introduction to the nature of clay as a material for creating three-dimensional objects with an emphasis on the development of ideas and the creation of textures and surfacing methods. Various hand-building techniques will be explored. The students will gain an understanding of the stages of clay, firing processes, and glazing. Ceramics art history and contemporary ceramic artists will be introduced. This course emphasizes human commonalities, idea development, and communication through written and oral critiques. The elements of art and principles of design will be practiced through the creation of individual works of ceramic art.

CERAMICS II - HSAR205

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: Ceramics I*

This course is a continuation of the Ceramics I class. Students will explore the nature of clay and the possibilities of using the material to create three-dimensional works of art. Various forming techniques will be explored, with a

focus on hand building and wheel throwing to create both functional and non-functional works of art. The students will further develop their understanding of the stages of clay, firing processes, glazing, and surfacing techniques. Ceramic art history as well as contemporary ceramic artists will be explored. This course emphasizes human commonalities, styles of art, and idea development. The elements and principles of art will be practiced and utilized through the development of individual works of ceramic art.

CERAMICS III - HSAR215

Grade Level: 11,12 ; Course Credit: 5; *Prerequisite: Ceramics II*

This course is a continuation of hand-building and throwing techniques. The students will be exploring universal themes, human commonalities, ceramic art history, and contemporary ceramic practices through the development of a sustained investigation expressed in a series of works.

SCULPTURE - HSAR210

Grade Level: 10,11,12 ; Course Credit: 5; *Prerequisite: None*

The course is an introduction to sculptural art using various materials, processes, and techniques. Students will have hands-on experimentation with a variety of materials and approaches. Students will gain the skills and confidence to create original sculptures using additive, subtractive, and assemblage techniques.

GRAPHIC DESIGN I - HSAR300

Grade Level: 9,10,11,12 ; Course credit: 5 ; *Prerequisite: None*

This course introduces the student to the computer as an art tool. The students will learn the basics of the Adobe Creative Suite as they discover the possibilities of design. Students will study the art we see around us every day and the use of visual communication to share ideas. Combining the use of modern technology and the elements of design students will produce visual illustrations for fine art and commercial art applications.

GRAPHIC DESIGN II - HSAR305

Grade Level: 10,11,12; Course Credit: 5 ; *Prerequisite: Graphic Design I*

This course is a continuation of Graphic Design I. Students will continue working with the computer as an art tool and begin to explore more advanced functions of the Adobe Creative Suite and other technology. This class is recommended for students planning to study art in college.

GRAPHIC DESIGN III - HSAR310

Grade Level: 10, 11,12 ; Course Credit: 5 ; *Prerequisite: Graphic Design II*

Graphic Design III is an advanced course evolving from lessons in Graphic Design I and Graphic Design II. This course provides the student with an understanding of commercial art including image making, typography, and composition to develop visual representation.

DIGITAL ILLUSTRATION - HSAR315

Grade Level: 10, 11,12 ; Course Credit: 5 ; *Prerequisite: Graphic Design I*

This course will build on techniques from graphic Design I and focus on technology as a drawing and painting tool. Students will use technology to create digital art that focuses on drawing skills and using digital resources to create imagery.

PRINTMAKING - HSAR400

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: Art I*

This course will use the foundational knowledge and skills from Art I to introduce students to printmaking. Students will explore a variety of printmaking processes such as relief printing, monoprint, intaglio, and collagraph. Students will gain the skills and confidence to produce prints by hand and on a press while exploring personal voice.

PORTFOLIO - HSAR000

Grade Level: 11,12 ; Course Credit: 5; *Prerequisite: Four courses in a variety of art media*

This class is designed to help students realize their post-high school plans concerning art, investigate options, develop a portfolio for scholarship purposes, and apply for scholarships. This course is for students who will be pursuing a college degree immediately following high school.

CAPSTONE - HSAR455

Grade Level: 12; Course Credit: 5
Prerequisite(s): Completed the following entry-level courses: Art I, Ceramics I, Graphic Design I;
Completed one or more pathways (Example) Art I, II, III OR Ceramics I, II, III OR Graphic Design I, II, III.

This course is designed to allow students to explore interests, ideas, and themes in one or more media. Students will research universal themes, human commonalities, media, techniques, art styles, art history, and contemporary art practices reflecting their interests. Through a sustained investigation students will develop, create, and document a body of work in one or more media reflecting their ideas. **Students should be conscious of the timing of this class to coincide with the completion of as many art classes as possible.**
NOTE: The capstone focus media/processes must be in the completed pathway(s) only

BEARCAT DESIGN PROJECT- See Work-Based Learning

Grade Level: 11,12 ; Course Credit: 5; *Prerequisite: Graphic Design II*

Bearcat Design Project is an internship for students who have completed and excelled in Graphic Design I, II. Students will work with clients in our school and community to create visual pieces to fit client needs. Students must have great communication skills, professionalism and work ethic. This class includes designing print pieces, digital media and screen printed materials.
Term 1- HSWK115, Term 2-HSWK116, Term 3-HSWK117, Term 4-HSWK118

BUSINESS, MARKETING, AND INFORMATION TECHNOLOGY

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit/AP
Intro to Business	9,10,11,12	5	*None*	X	No
H.S. Career Development	9,10,11,12	5	*None*	X	No
Intro to Personal Finance	10	5	*None*	X	No
Personal Financial Planning	11, 12	10	*None*	X	Dual Credit CCC
Personal Finance	11,12	5	*None*	X	No
Marketing I	9,10,11,12	10	*None*	X	No
Marketing IIA	10,11,12	5	*Marketing I*	X	No
Marketing IIB	10,11,12	5	*Marketing IIA*	X	No
Accounting IA	10,11,12	5	*None*	X	No
Accounting IB	10, 11,12	5	*Accounting IA*	X	No

Accounting IIA	11, 12	5	*Accounting IA and IB*	X	No
Accounting IIB	11,12	5	*Accounting IIA*	X	No
Business Law	11,12	5	*None*	X	No
Entrepreneurship	10,11,12	5	*Intro to Business or Marketing*	X	Dual Credit CCC
Management and Leadership	10,11,12	5	*Introductory career class*	X	No
Hospitality and Tourism	10,11,12	5	*Marketing*	X	No
Economics	10,11,12	5	*Intro to Business*	X	No
Foundations of Computing	9	5	*None*	X	No
Info Technology A	9,10,11,12	5	*Foundations of Computing or None if Jr/Sr*	X	No
Info Technology B	11,12	10	*Info Tech A*	X	Dual Credit CCC
Creative Coding	9,10,11,12	5	*Foundations of Computing or None if Jr/Sr*	X	No
Web Page Design/E-Commerce	10,11,12	5	*Info Tech A or Creative Coding*	X	No
AP PLTW Computer Science Principles (CSP)	10,11,12	10	*Creative Coding or Foundations of Computing*	X	No
AP Computer Science A	10,11,12	10	*AP PLTW Computer Science Principles (CSP)*	X	No

INTRODUCTION TO BUSINESS - HSBS100

Grade Level: 9,10,11,12 ; Course Credit:5 ; *Prerequisite: None*

Explore the world of business! This class provides an opportunity for students to learn about the various aspects of the business world. Content includes: The economic environment, business operations, business in the global economy, business management, and marketing.

H.S. CAREER DEVELOPMENT - HSWK101

Grade Level: 9,10,11,12 ; Course Credit:5 ; *Prerequisite: None*

Students learn how to effectively explore careers while using the Nebraska Career Education Model and related resources. Students will learn the vocabulary and expectations of effective academic and career planning. A focus will be to discover the relationship between personal-social qualities, interests and skills to a wide variety of careers and postsecondary options to choose from. Emphasis will be given to learn and opportunities to practice the Nebraska Career Readiness Standards of Practice, which are current expectations in today's workplace. Students will draw upon these conclusions to develop a Personal Learning Plan to transition into high school with a broad career cluster focus.

INTRODUCTION TO PERSONAL FINANCE - HSBS116

Grade Level: 10 ; Course Credit: 5 ; *Prerequisite: None*

This class is meant to introduce students to basic personal money management skills. Students will explore topics such as banking, budgets, savings, investing, taxes, payroll, careers, and financial planning. This class can be taken as a financial literacy graduation requirement.

PERSONAL FINANCIAL PLANNING - HSBS110

Grade Level: 11,12 ; Course Credit: 10 ; **Dual Credit Eligible CCC** ; *Prerequisite: None*

A study and application of the steps required in the personal financial planning process including budgeting, tax planning, insurance, investments, retirement planning, and estate planning. A personal or family financial plan will be developed. This course is taught at KHS for CCC dual credit. Students are responsible for paying tuition. This class can be taken as a financial literacy graduation requirement.

PERSONAL FINANCE- HSBS115

Grade Level: 11,12 ; Course Credit: 5 ; *Prerequisite: None*

This class is meant to introduce students to basic personal money management skills. Students who are just entering the workforce and would like information on taxes, checking accounts, savings, insurance, investing, credit and other introductory concepts will benefit from taking this class. This class can be taken as a financial literacy graduation requirement.

MARKETING I - HSBS120

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: None*

Marketing focuses on the study of the channels of distribution, buying, pricing, and selling merchandise at the retail level. It is designed for a student interested in the sales management and marketing areas of the business world. Career planning, as well as entrepreneurship, is emphasized. DECA, the marketing career student organization which is open to all students enrolled in a marketing class, is also an important element of the program.

MARKETING IIA- HSBS121and MARKETING IIB- HSBS122

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Marketing I*

Students must register for Marketing IIA and IIB together. Marketing II is a program of instruction which teaches skills in marketing and distribution such as sales promotion, display, salesmanship, employee-employer relations, advertising and management. In addition to this classroom instruction, students will work in Bearcat Corner. This, in turn, gives the student an opportunity to put into practice many of the fundamentals learned in the classroom and to develop additional skills in each of these areas. DECA, the marketing career student organization, which is open to all students enrolled in a marketing class, is also an important element of the program.

ACCOUNTING IA - HSBS131 and ACCOUNTING IB - HSBS132

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: None*

Students must register for both Accounting IA and Accounting IB. Warren Buffett once said: "You have to learn Accounting. It's the language of the business. If you don't know it, it's like being in a foreign country without knowing the language." For students who will someday be involved in business in their professional or personal life, this class is essential. In this course, students with no prior training learn fundamental accounting skills, building an appreciation for the role of accounting in managing a profitable business. Students will also utilize spreadsheets or other accounting software for specific business and personal applications. Strong math skills and the completion of Algebra I are recommended.

ACCOUNTING IIA- HSBS133 and ACCOUNTING IIB-HSBS134

Grade Level: 11,12 ; Course Credit: 10 ; *Prerequisite: Accounting IA & B*

Students must register for both Accounting IIA and Accounting IIB. In this second-year accounting course, students continue to grow in their understanding of the "language of business." Students in Accounting II will apply concepts, procedures, and applications introduced in Accounting I. Students will calculate, analyze, compare/contrast, and evaluate financial information used in making managerial decisions. Students are exposed to various careers in the accounting field and are given the opportunity to perform accounting applications using the computer.

BUSINESS LAW - HSBS140

Grade Level: 11,12 ; Course Credit: 5 ; *Prerequisite: None*

This class enables students to understand personal and business laws in our society and the rights of individuals to understand the rules of conduct in our economic system.

ENTREPRENEURSHIP - HSBS145

Grade Level: 10,11,12 ; Course Credit: 5 ; **Dual Credit Eligible** ; *Prerequisite: Intro to Business or Marketing*

Designed as an upper level capstone course, this course instructs students in the rewards and risks of owning or operating a business enterprise. Emphasis is placed on the mastery of skills needed to plan, organize, manage, and finance a small business. Skills in communication, technical writing, math, research, and problem-solving are reinforced as each student prepares his/her own business plan. The major objective is for students to use management and decision making skills to solve problems in a business and personal setting.This course is taught at KHS.

MANAGEMENT AND LEADERSHIP - HSBS155

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: Introductory career class*

Students will explore the theory of leadership and how it applies to management positions in a business setting. Students will develop their own leadership and management skills as well as essential skills such as time management, communication and building relationships.

HOSPITALITY AND TOURISM - HSBS160

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: Marketing*

Hospitality and Tourism provides students with an understanding of one of the largest industries in the world. Specific applications include the evolution of the industry, food and beverage, lodging, international and domestic travel, business operations, and hospitality and tourism career exploration.

ECONOMICS - HSBS165

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: Intro to Business*

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

FOUNDATIONS OF COMPUTING - HSBS190

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

This course meets the state graduation requirement for the Computer Science and Technology Act by including computer science, computer literacy, educational technology, digital citizenship, and information technology. This course will act as a gateway to additional courses. Students will gain knowledge of hardware, software, operating systems, ethics, and programming basics. After completion of this course, students should have a basic understanding of technology today, how it impacts society and individuals, and how they can play a role in the future application and development of technology. This course is a graduation requirement beginning with the class of 2027.

INFORMATION TECH A - HSBS205

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: Foundations of Computing or None if Jr/Sr*

This class will prepare students for computer related skills beneficial in the college and work environment. Instruction will include Microsoft Word, Excel, PowerPoint, and Access with opportunities for the Microsoft Office Specialist Certifications. This class will be held in a Windows computer lab.

INFORMATION TECH B - HSBS210

Grade Level: 11,12 ; Course Credit: 10 ; **Dual Credit Eligible** ; *Prerequisite: Info Tech A*

This course is designed for all students entering college or technical fields. The class includes instruction in one of the most widely used integrated software packages (Microsoft Office) & the Windows operating system. This will be a dual credit online course with a CCC Instructor. Students cannot be at KHS during scheduled ELOs.

CREATIVE CODING - HSBS211

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: Foundations of Computing or None if Jr/Sr*

The curriculum for this course has been developed by code.org. It is an introduction to computer science that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. Units include: problem solving, web development, and animations and games.

WEBPAGE DESIGN/E-COMMERCE - HSBS220

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: Info Tech A or Creative Coding*

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

AP PLTW COMPUTER SCIENCE PRINCIPLES-HSBS230 (CSP)

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Creative Coding or Foundations of Computing*

Using Python as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths & utilize computing & introduce professional tools that foster creativity & collaboration. This course can be a student's first course in computer science, although we encourage students without prior computing experience to start with ICS, CSP helps students to develop programming expertise & explore the workings of the internet. Projects & problems include app development, visualization of data, cybersecurity, & simulation.

AP Computer Science A- HSBS240

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: AP PLTW Computer Science Principles*

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

English Language Learner (ELL)

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit/AP
ELL Tutorial	9,10,11,12	5	ELL Active	No	No
ELL Newcomers	9,10,11,12	20	ELL Active	No	No
ELL Geography	9,10,11,12	5	ELL Active	No	No
ELL English	9,10,11,12	10	ELL Active	No	No
ELL American History	11,12	10	ELL Active	No	No
ELL World History	9,10,11,12	10	ELL Active	No	No
ELL Government	11, 12	5	ELL Active	No	No
ELL Science	9,10,11,12	10	ELL Active	No	No
ELL Math	9,10,11,12	10	ELL Active	No	No

ELL Tutorial- HSELL100

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite:* ELL Active

ELL tutorial is a class provided for any student verified as an English Language Learner. Students will receive assistance in their academic classes and work on building their English language proficiency.

ELL Newcomer- HSELL101

Grade Level: 9,10,11,12 ; Course Credit: 20; *Prerequisite:* ELL Active

ELL Newcomers is a class for multilingual learners in grades 9–12 who are new to the school. It offers direct instruction in reading, writing, speaking, and listening. Students will work on essential language functions, academic vocabulary, and multimodal activities to help them succeed in school, their communities, and various subjects.

ELL Geography - HSELL105

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite:* ELL Active

ELL Geography is a class provided for any student verified as an English Language Learner. It is an introductory course in World Geography. This course will provide basic knowledge of general geographic locations in the world around us while enhancing student's listening, speaking, reading, and writing abilities. Topics may vary according to each student's individual needs.

ELL English - HSELL110

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite:* ELL Active

ELL English is a class provided for any student verified as an English Language Learner. It is an introductory course in English. This course will provide students with a basic knowledge of listening,

speaking, reading, and writing in English. Topics may vary according to each student's individual needs.

ELL American History - HSELL115

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite:* ELL Active

ELL American History is a class provided for any student verified as an English Language Learner. It is an introductory course in American History. This course will provide basic knowledge of our city, state, and country while enhancing student's listening, speaking, reading, and writing abilities. Topics may include Thirteen Colonies, American Revolution, The Constitution, Westward Expansion, Civil War, WWI, WWII. Topics may vary according to each student's individual needs.

ELL World History - HSELL120

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite:* ELL Active

ELL World History is a class provided for any student verified as an English Language Learner. It is an introductory course in World History. This course will provide basic knowledge of the world around us while enhancing student's listening, speaking, reading, and writing abilities. Topics may include Prehistory, Ancient Egypt, Ancient Rome, Ancient Greece, Middle Ages, Industrial Revolution, WW I, WWII, Cold War. Topics may vary according to each student's individual needs.

ELL Government - HSELL125

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite:* ELL Active

ELL Government is a class provided for any student verified as an English Language Learner. It is an introductory course in American Government. This course will provide basic knowledge of the function of the American Government while enhancing student's listening, speaking, reading, and writing abilities. Topics may vary according to each student's individual needs.

ELL Science - HSELL130

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite:* ELL Active

ELL Science is a class provided for any student verified as an English Language Learner. It is an introductory course in Physical Science. This course will provide basic knowledge of science skills while enhancing student's listening, speaking, reading, and writing abilities. Topics may include Earth, Rocks, Climate and Weather, Natural Resources, Energy and Nutrients, Matter, Force and Motion, Light and Sound, Sun and Moon. Topics may vary according to each student's individual needs.

ELL Math - HSELL135

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite:* ELL Active

ELL math is a class provided for any student verified as an English Language Learner. It is an introductory course in Math. This course will include basic knowledge of math skills; addition, subtraction, multiplication, division, fractions. Topics may vary according to each student's individual needs.

ENGLISH

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit/AP
English I	9	10	*None*		No
Honors English I	9	10	*Teacher recommendation*		No
English II	10	10	*English I or Honors English I*		No
AP English II Seminar	10	10	*Honors English I or teacher recommendation*		AP Test
English III	11	10	*English II or AP Seminar Honors English II*		No
AP English - Lit and Comp	12	10	*AP Lang and Comp or English III teacher recommendation*		UNK Dual Credit or AP Test
English IV	12	10	*English III or AP Lit and Comp*		No
AP English- Lang and Comp	11	10	*AP Seminar-Honors English II or teacher recommendation*		UNK Dual Credit or AP Test
Literacy Enrichment I	9	10	*8th Grade Read 180*		No
Literacy Enrichment II	9, 10	10	*Lit Enrich I*		No
Literacy Enrichment III	11	10	*Lit Enrich II*		No
21st Century English	12	10	*Lit III or Eng III with teacher recommendation*		No

ENGLISH I - HSEN100

Grade Level: 9 ; Course Credit: 10 ; *Prerequisite: None*

English I is a course which provides a study of the various genres of literature, including short stories, epic, social and contemporary novels, satire, and poetry. Grammar skills are reviewed. Completion of research fundamentals and skills is expected. Also, students will be required to write analytical and expository compositions.

HONORS ENGLISH I - HSEN105

Grade Level: 9 ; Course Credit: 10 ; *Prerequisite: Teacher Recommendation*

Honors English I is a course which provides a study of the various genres of literature, including short stories, epic, social and contemporary novels, satire, and poetry. Language studies include capitalization, verbs, punctuation, and pronouns. Also, students will be required to write analytical and expository compositions as well as complete a research paper. The student will be given expanded opportunities for writing and creativity in each unit.

ENGLISH II - HSEN110

Grade: 10 ; Course Credit: 10 ; *Prerequisite: English I or Honors English I*

English II provides a foundation for the in-depth study and analysis of various types of literature including dramas and fiction and non-fiction novels. Emphasis is placed on the historical background, literary analysis, and application to the universal human experience. This level also stresses the academic disciplines of correct grammar, usage, mechanics, vocabulary, and spelling. Written composition focuses on the formal expository style and literary analysis. Informative research paper completion is expected.

AP ENGLISH II SEMINAR - HSEN116

Grade: 10; Course Credit: 10 ; *Prerequisite: Honors English I or Teacher Recommendation*

AP English II Seminar provides a foundation for the in-depth study and analysis of various types of literature including dramas and fiction and non-fiction novels. Emphasis is placed on the historical background, literary analysis, and application to the universal human experience. This level centers on preparation for AP Literature and Composition, providing greater length, depth, and frequency of writing and analysis. Considerable focus is placed on the academic disciplines of correct grammar, usage, mechanics, vocabulary, and spelling. Written composition centers around literary analysis, and argumentative or analytical writing utilizing MLA citations. Students will be given the opportunity to take the AP Seminar exam at year's end, but it is not a requirement that they do so.

ENGLISH III- HSEN120

Grade Level: 11 ; Course Credit: 10 ; *Prerequisite: English II or AP Seminar-Honors English II*

The basic survey includes the study of American authors and their writings from colonial to contemporary times. Both the chronological and thematic approach to literature is used. Emphasis is placed on the historical background and the resulting literature of the period, the change and flexibility of the English language, and the development of both oral and written composition. Completion of a persuasive research paper is
Expected.

AP ENGLISH - LANGUAGE AND COMPOSITION - HSEN125

Grade Level: 11 ; Course Credit: 10 ; **Dual Credit Eligible with UNK**; *Prerequisite: AP Seminar-Honors English II or Teacher Recommendation*

This course will engage students in reading a variety of non-fiction prose and will help them to become skilled writers. Both the reading and writing portions will make students aware of the interaction between a writer's purpose, the audience and the conventions of different genres. This course will be taken during students' senior year. The course is designed to challenge students who desire to continue their English studies in a highly rigorous environment. Students will be given the opportunity to take the AP English Language and Composition exam at year's end, but it is not a requirement that they do so. Three dual credit hours offered through UNK (**ENG 101**). Level of difficulty is college freshman level. This course is taught at KHS.

ENGLISH IV - HSEN130

Grade Level: 12 ; Course Credit: 10 ; *Prerequisite: English III or AP Language and Composition*

English IV is a study of English heritage through literature. The first term of this 10 hour course covers the Anglo-Saxon, Medieval, and Renaissance Periods with emphasis on the Beowulf Poet, Chaucer, Shakespeare, and Milton. The second term continues the chronology of the first semester, but also includes a comprehensive research project emphasizing skills presented in the MLA Handbook. (This class meets the full 1 unit post-secondary admission requirement.)

AP ENGLISH - LITERATURE AND COMPOSITION - HSEN135

Grade Level: 12 ; Course Credit: 10 ; **Dual Credit Eligible with UNK** ; *Prerequisite: AP Language & Comp. or Teacher Recommendation*

This course is recommended for students with a strong interest in reading, discussion, and analysis of literature. This course may be taken during students' junior year. The course is designed to challenge students who desire to continue their English studies in a highly rigorous environment, with special emphasis on drama and poetry in addition to the novel and selected nonfiction. To develop further organization and articulation skills, emphasis is also placed on the analytical and evaluative essay. One in-depth research paper is required. Students will be given the opportunity to take the AP English Literature and Composition exam at year's end, but it is not a requirement that they do so. Three credit hours of dual credit offered through UNK **(ENG 102)**. Level of difficulty is college freshman level. This course is taught at KHS.

LITERACY ENRICHMENT I - HSEN140

Grade Level: 9 ; Course Credit: 10 ; *Prerequisite: 8th Grade Read 180*

Literacy Enrichment I is a skill building and study skills course designed for 9th grade students who need more practice with reading and/or writing as evidenced by prior assessment results and literacy abilities demonstrated during middle school. This course uses best practices in building reading and writing skills based on individual student needs. Diagnostic and benchmark assessments are used to monitor student progress. Lessons are designed to build skills in reading and writing so that students can successfully complete the English I curriculum, gain strategies and skills needed for future success and meet the standards on district and state reading and writing tests. A minimum MAP score of 219 is required to test out of the course. Add: Course does not meet university admission requirements.

LITERACY ENRICHMENT II - HSEN145

Grade Level: 9, 10 ; Course Credit: 10 ; *Prerequisite: Lit Enrichment I*

Literacy Enrichment II is a skill building and study skills course designed for 10th grade students who need more practice with reading and/or writing as evidenced by prior assessment results, including standardized test scores, and literacy abilities demonstrated in ninth grade. This course uses best practices in building reading and writing skills based on individual student needs. Diagnostic and benchmark assessments are used to monitor student progress. Lessons are designed to build skills in reading and writing so that students can successfully complete the English I curriculum, gain strategies and skills needed for future success, and meet the standards on district and state reading and writing tests. A minimum MAP score of 219 is required to test out of the course. Course does not meet university admission requirements.

LITERACY ENRICHMENT III - HSEN150

Grade Level: 11 ; Course Credit: 10 ; *Prerequisite: Lit Enrichment II*

Literacy Enrichment III is a skill building and study skills course designed for 11th grade students who need more practice with reading and/or writing as evidenced by prior assessment results, including standardized test scores, and literacy abilities demonstrated in tenth grade. This course uses best practices in building reading and writing skills based on individual student needs. Diagnostic and benchmark assessments are used to monitor student progress. Lessons are designed to build skills in reading and writing so that students can successfully complete the English curriculum, gain strategies and skills needed for future success, and meet the standards on district and state reading and writing tests. A minimum MAP score of 219 is required to test out of the course. Course does not meet university admission requirements.

21ST CENTURY ENGLISH - HSEN155

Grade Level: 12 ; Course Credit: 10 ; *Prerequisite: Lit Enrich III or English III with Teacher Recommendation*

12th Grade 21st Century English meets the full requirement for KHS graduation and the Nebraska university system admission requirement. This 10-hour course will emphasize nonfiction texts, but also include several fiction selections. In addition, the writing component of this course will place an emphasis on technical writing or include a career-based research project.

FAMILY AND CONSUMER SCIENCES

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit/AP
Human Science and Education	9,10,11,12	5	*None*	X	No
Human Growth and Development	9,10,11,12	5	*None*	X	No
Family Financial Management	10,11,12	5	*None*	X	No
Relationships	11,12	5	*None*	X	No
Foods I	9,10,11,12	5	*None*	X	No
Foods II	9,10,11,12	5	*Foods I*	X	No
Culinary Arts	10,11,12	5	*Foods II*	X	No
Teaching as a Profession	9,10,11,12	5	*None*	X	No
Intro to Design	9,10, 11, 12	5	*None*	X	No
Clothing	9,10,11,12	5	*Intro to Design (none for seniors)*	X	No
Fashion Design	10,11,12	5	*Intro to Design (none for seniors)*	X	No
Interior Design	10,11,12	5	*Intro to Design (none for seniors)*	X	No
Parenting Decisions	9,10,11,12	5	*None*	X	No
Child Development	9, 10,11,12	5	*Human Sciences in Education or Human Growth and Development*	X	No
Best Practices in Early Childhood	10, 11, 12	5	*Child Development*	X	No
Best Practices in Education	10,11,12	5	*Teaching as a Profession*	X	No
Teaching in a Democratic Society	11,12	10	*Best Practices in Education*	X	Dual Credit UNK
Field Experience in Education	11,12	5	*Best Practices in Education or Best Practices in Early Childhood*	X	No
Foundations of Early Childhood	11-12	10	*Best Practices in Education or Best Practices in Early Childhood*	X	Dual Credit UNK
Supporting Young Children	11-12	10	*Best Practices in Education or Best Practices in Early Childhood*	X	Dual Credit UNK

Literacy Methods for Preschool	11-12	10	*Foundations of Early Childhood*	X	Dual Credit UNK
Curriculum for Birth-8	11-12	10	*Foundations of Early Childhood*	X	Dual Credit UNK
Nutrition in the Life Cycle	9,10,11,12	5	*None*	X	No
Health Sciences I	9,10,11,12	5	*None*	X	No
Health Sciences II	10,11,12	5	*Health Sciences I*	X	No
Health Sciences III	11,12	5	*Health Sciences II*	X	No
Medical Terminology	10, 11,12	5	*Health Sciences I*	X	No
Intro to Sports Med	10,11,12	5	*Health Sciences I or Anatomy/Physiology*	X	No
Certified Nurse Assist	11, 12	10	*None*	X	Dual Credit CCC

HUMAN SCIENCES AND EDUCATION - HSFC100

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

This course is intended to enable students to have a broad scope of experiences that will provide an overview and fundamental knowledge and essential skills of Human Sciences with a foundation but not limited to family and consumer sciences. Students will explore career possibilities and develop a personal learning plan. Students will practice basic life and career readiness skills and learn to apply them to personal life situations.

HUMAN GROWTH AND DEVELOPMENT - HSFC105

Grade Level: 9,10,11,12 ; Course Credit: 5; *Prerequisite: None*

This course explores the physical, emotional, social, and intellectual development of individuals across the lifespan. External impacts on development including family structure and practices, social and technological forces, and resources available to individuals and their outcomes will be explored.

FAMILY FINANCIAL MANAGEMENT - HSFC110

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

Are you planning on living on your own someday? Do you want to be able to navigate the financial world safely and successfully? Is it possible you might be sharing your life (and paycheck) with someone in the future? Understanding how finances affect you and your family is a key to finding happiness and fulfillment in your life. This course prepares students to understand economic activities and challenges of individuals and families, the role of lifestyles, goals in education and career choices, procedures in a successful job search, financial forms used in living independently, and shopping options and practices for meeting consumer needs. The course also prepares students to understand consumer rights, responsibilities and information, protect personal and family resources and apply procedures for managing personal finances. This class can be taken as a financial literacy graduation requirement.

RELATIONSHIPS - HSFC115

Grade Level; 11,12 ; Course Credit: 5 ; *Prerequisite: None*

Are you interested in a career as a psychologist, social worker, or therapist? This course would be helpful to you and is designed to help young adults strengthen the families they live in now and build strong families for the future. It is a discussion-oriented course that provokes students to think and reflect on their relationship skills. Topics of interest include communication and conflict resolution, understanding love and

sexuality, partner selection and building a strong marriage. In the end students will have developed skills that strengthen them as individuals and as family members. Meets KHS health credit requirement.

FOODS I - HSFC120

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

This course is designed to emphasize practical food preparation, nutrition and wellness needed to successfully fuel the human body. Course content may include such topics as: baking and quick breads, fruits and vegetables, preparing foods with milk and eggs, and microwave cooking. Emphasis will be placed upon eating the right foods for optimum health along with principles of wise buying, preparation and storage. Career awareness in the food and nutrition field will be incorporated.

FOODS II - HSFC125

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: Foods I*

A foods and nutrition course designed to emphasize unique procedures and techniques used in food preparation. Course content may be selected from cultural and ethnic foods, pastries, cakes, yeast breads, entertaining, vegetarian cooking, beef, pork and poultry, nutrition in the life cycle, meal planning and consumerism, sensory evaluation and advanced food preparation procedures. Exposure to the areas of restaurant management and career exploration in the food and nutrition area will be explored.

CULINARY ARTS - HSFC130

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: Foods II*

This course is designed to provide students with an advanced curriculum which is focused on the foodservice industry and provides training in workplace and culinary skills. Course content may be selected from food service career opportunities and management, food preparation skills in the professional kitchen, cooking techniques used in quantity food preparation, creating foods that please the eye and palate, culinary nutrition, creating menus and customer service. ServSafe Certification may be available at this level through the National Restaurant Association Educational Foundation.

TEACHING AS A PROFESSION - HSFC140

Grade Level: 9,10,11,12 ; Course Credit: 5; *Prerequisite: NONE*

This introductory course is designed to introduce students to career opportunities and related skills in the field of education and training. Topics covered include history of education, the philosophy of education, roles of educators, instructional and assessment methods, diversity of cultures and communities, learner development, and professional development.

INTRO TO DESIGN - HSFC145

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

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

CLOTHING - HSFC150

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: Intro to Design*

This course provides instruction in social, psychological and historical aspects of clothing and textiles. A textile study will explore the properties of natural and man-made fibers and various methods of fabric construction. Textile and apparel design, selection, construction, maintenance and alteration of textile products will be analyzed and taught. This course integrates knowledge, skills, and practices required for careers in textiles and scientific research.

FASHION DESIGN - HSFC155

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: Intro to Design*

Are you considering a career in fashion? If so, the concepts studied in Fashion and Design will be helpful to you. This course is a clothing study with awareness of current trends, clothing resources, and decision-making for clothing selection. A unit in fashion design will be explored along with a unit of fashion merchandising with the exposure to possible careers. Numerous projects will consist of creating fashions through drawing, fashion writing and forecasting. Visual merchandising will be studied as well as advertising. Field trips and tours to study fashion merchandising will be used to enhance the course content whenever possible.

INTERIOR DESIGN - HSFC160

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: Intro to Design*

This course provides instruction in the physical, physiological and social influences of housing styles and options; exterior and interior design; selection, use and care of home furnishings and equipment; use of available resources for achieving improved living space to meet individual and family needs; and exposure to careers related to housing and interior design. Students will be encouraged to think creatively, and apply design principles and elements. Topics which may be included are creativity, house and furniture design, and selecting background units (walls, floors, window treatments).

PARENTING DECISIONS - HSFC165

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

Will you have a career working with children? (pediatrician, day care provider, early childhood or elementary teacher etc.) Will parenting be a role you fulfill in your life? If so, the concepts studied in Parenting Decisions will be helpful to you. Issues related to parenting such as discipline, day care, costs of raising a child and other responsibilities of parenthood will be investigated. We'll begin with conception and follow the growth of the child through prenatal development, birth and the newborn stage. Other topics of student interest may be explored such as preventing birth defects, new technology, working with special needs children etc. This course will include student projects, speakers and field trips.

CHILD DEVELOPMENT- HSFC170

Grade Level: 9, 10,11,12 ; Course Credit: 5 ; *Prerequisite: Human Sciences in Education or Human Growth and Development*

Are you interested in psychology? Do you plan to work with children sometime in the future? Are you concerned about the welfare of children in our society? Then Child Development may be the place to find some answers. Concepts to be explored will be related to children from infancy to toddler to preschooler and early elementary. Issues such as physical, social, emotional and mental development will be discussed. Theories by Piaget, Erikson, Kohlberg and others will be applied to the development of the child for a clearer understanding of the theory and of the child. There will be opportunities to observe children in different settings.

BEST PRACTICES IN EDUCATION - HSFC181

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: Teaching as a Profession*
This course is a continuation of the Teaching as a Profession course and is the second course in a three-course sequence. Students will further engage in topics related to instructional and assessment methods, including differentiation of instruction. Students will also develop active listening skills necessary for educators, and demonstrate positive feedback techniques. Students will gain skills related to planning for instruction, which will be utilized in the field experience (the third course in this sequence). Classroom,

laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization.

BEST PRACTICES IN EARLY CHILDHOOD- HSFC183

Grade Level: 10, 11, 12; Course Credit: 5 Prerequisite: Child Development

This engaging course introduces students to the fascinating world of human development, focusing on children from birth to age five. Students will explore the key areas of development—social, physical, cognitive, and emotional—and gain a deeper understanding of how these domains interact and evolve during early childhood. Through a combination of theoretical learning and hands-on experiences, students will acquire valuable knowledge about child development milestones, and effective teaching strategies. The course emphasizes practical application by offering students the opportunity to work directly with preschool children ages 3-5 in a real or simulated preschool setting **(The Bearcat Preschool)**. Students will plan and implement activities designed to foster creativity, motor skills, problem-solving abilities, and social-emotional growth in young learners. By observing and interacting with preschoolers, students will develop skills in communication, patience, and responsibility while gaining insight into potential careers in education, childcare, and related fields.This class is perfect for students who are passionate about working with children, curious about human development, or interested in exploring future roles in teaching, psychology, or child-focused professions. Bearcat Preschool will be part of Best Practices in Early Childhood.

TEACHING IN A DEMOCRATIC SOCIETY- HSFC182

Grade Level: 11,12 ; Course Credit: 10 ; **Dual Credit Eligible through UNK;** *Prerequisite: Best Practices in Education*

This course investigates the intersectionality of education, diversity, and democracy. This course is designed to increase awareness and appreciation of how schools and communities work to sustain democracy in a diverse society. Students will explore several aspects of human diversity and democratic issues experienced in schools and society. TE 100 seeks to increase students' awareness of personal, educational, and societal inequalities, and the actions leading to a more equitable and inclusive classroom and community. This course includes a field experience component in PK-12 school sites where students will make observations to evaluate best practices for diversity to become more culturally and democratically engaged as future professionals and possible educators. Students cannot be at KHS during scheduled ELOs. This course is taught at UNK as TE100.

FIELD EXPERIENCE IN EDUCATION - HSFC185

Grade Level: 11,12 ; Course Credit: 5 ; *Prerequisite: Best Practices in Education OR Best Practices in Early Childhood*

This course is a continuation of the Best Practices in Education and Training course and is the third course in a three course sequence. Through this capstone experience, students will apply previously developed knowledge and skills into a structured workplace experience. This volunteer experience may take place within a school environment for those seeking teaching careers, or within the business and industry community for those seeking careers in professional educational training. Goals are set cooperatively by students, their instructor, and respective supervising professionals. Opportunities may include experience teaching in a controlled setting by designing learning experiences and facilitating presentations. Students will focus on improving their instructional strategies through coaching from their teacher and supervising professionals. Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization.

FOUNDATIONS OF EARLY CHILDHOOD-HSFC186

Grade Level: 11-12; Course Credit: 10; **Dual Credit Eligible through UNK**; Prerequisite: Best Practices in Education or Best Practices in Early Childhood

Students will gain insight for the value and benefits of early childhood services, issues and trends, the profession, and career options. Students will become familiar with a wide variety of services, settings, curriculum models, and the application of developmentally appropriate practices across ages birth to eight. This course is taught at UNK at TE241.

SUPPORTING YOUNG CHILDREN -HSFC187

Grave Level: 11-12; Course Credit: 10; **Dual Credit Eligible through UNK**; Prerequisite: Best Practices in Education or Best Practices in Early Childhood

Students will examine their beliefs and practices for supporting young children through family and community systems, utilizing a wide array of case studies for discussion that sensitively address diverse family structures, strengths, and needs. Students will build their knowledge, skills, and dispositions for supporting family and community engagement. This course is taught at UNK as TE249.

LITERACY METHODS FOR PRESCHOOL-HSFC188

Grade Level: 11-12; Course Credit: 10; **Dual Credit Eligible through UNK**; Prerequisite: Foundations of Early Childhood

This course will prepare students to understand, assess, and support preschool children's oral and written language development. Students will learn to evaluate and create literacy-rich environments and emergent literacy strategies to enhance oral language, pre-reading, and early writing for preschool children. This course is taught at UNK as TE242.

CURRICULUM FOR BIRTH-8-HSFC189

Grade Level: 11-12; Course Credit: 10; **Dual Credit Eligible through UNK**: Prerequisite: Foundations of Early Childhood

This course is designed to provide students with the experiential knowledge and practical skills necessary to develop and implement developmentally appropriate curricular materials and instructional strategies in the areas of math, science, and social studies for children birth to eight. This course is taught at UNK as TE248.

NUTRITION IN THE LIFE CYCLE - HSFC195

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

In this course, students develop a deeper understanding of nutrition concepts including reading food labels, analyzing dieting practices including current diet trends, impacts on food consumption and food choices, as well as the impact of nutrition on performance.

HEALTH SCIENCES I - HSFC200

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

Health Science is designed to give an overview of the therapeutic, diagnostic, support services, biotechnology & research and health informatics pathways . The course focuses on health careers, exploration, leadership development, medical terminology, ethical and legal responsibilities, the history of health care and the economics of health care.

HEALTH SCIENCES II - HSFC205

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: Health Sciences I*

Health Sciences II is designed to provide students a more in-depth exploration of personal interest within healthcare as well as a deeper analysis of the healthcare system overall. The course will include demonstrating workplace skills in a health science professional setting or educational facility. Instruction includes health literacy, introduction to organization of the body, medical terminology and medical math,

analysis, and application of emergency and technical skills, as well as a deeper analysis of legal and ethical issues within healthcare.

HEALTH SCIENCES III - HSFC210

Grade Level: 11,12 ; Course Credit: 5 ; *Prerequisite: Health Sciences II*

Health Sciences III is designed to expand students' understanding of health sciences through body systems, diseases and disorders, medical terminology, and healthcare economics. Students will generate a solution to a public health issue by obtaining data, applying professional communication, and following legal and ethical standards. Students should acquire basic first aid and CPR/AED (re)certification. Students will continue to gain authentic healthcare career experiences from a health science professional, setting, or educational facility. **Students will be expected to drive to various healthcare facility locations.**

MEDICAL TERMINOLOGY - HSFC215

Grade Level: 10, 11,12 ; Course Credit: 5 ; *Prerequisite: Health Sciences I*

This course is designed to help students learn the medical language by analyzing their components. The primary focus is on developing both oral and written skills in the language used to communicate within health care professionals.

INTRODUCTION TO SPORTS MEDICINE - HSPE300

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: Health Sciences I or Anatomy/Physiology*

Introduction to Sports Medicine is a course developed for students interested in the sports medicine field (i.e. athletic training, sports physical therapy, orthopedic medicine). Students taking the course should possess a sincere interest in sports and athletic-related injuries. Career opportunities, terminology, anatomy, first aid, and principles of rehabilitation are just a few of the subjects covered in this course. Grading will include exams, quizzes, lab exams, and a research project.

CERTIFIED NURSING ASSISTANT - HSFC225

Grade Level: 11,12; Course Credit: 10 ; **Dual Credit through CCC**. *Prerequisite: None*

See Off-Site Dual Credit information. Students cannot be at KHS during scheduled ELOs. This course is taught at CCC.

INDUSTRIAL TECHNOLOGY

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit/AP
Welding Processes	9,10,11,12	5	*None*	X	No
Wood Fabrication	9,10,11,12	10	*None*	X	No
Advanced Wood Fabrication	10,11,12	10	*Wood Fab*	X	No
Construction Technology A and B	11,12	10	*Advanced Wood Fabrication*	X	No
Mechatronics I	11, 12	10	*None*	X	Dual Credit CCC
Transportation I	10,11,12	10	*None*	X	Dual Credit CCC
Transportation II	10, 11,12	10	*Transportation I with at least a 68%*	X	Dual Credit CCC
Transportation III	11, 12	10	*Transportation II with at least a 68%*	X	Dual Credit CCC
Mechatronics II	11, 12	10	*Mechatronics I*	X	Dual Credit CCC
Introduction to Engineering Design PLTW	10, 11, 12	10	*Engineering Essentials PLTW*	X	No
Principles of Engineering PLTW	10, 11, 12	10	*Intro to Eng Design PLTW*	X	No
Engineering Design and Development PLTW	10,11,12	10	*Principles of Engineering PLTW*	X	No
Engineering Essentials PLTW	9,10,11,12	5	*Algebra I*	X	No
Production Welding I	10,11,12	10	*Welding Processes*	X	Dual Credit CCC
Production Welding II	10,11,12	10	*Production Welding I*	X	Dual Credit CCC
Blueprint Reading	11,12	5	*Welding Processes*	X	Dual Credit CCC

WELDING PROCESSES - HSIT100

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

Welding processes is an introductory course to the fields of welding and metal working. Students will learn the fundamental theory and practices associated with Oxy-fuel, Shielded Metal Arc Welding, Gas Metal Arc Welding and Resistance welding operations. The students will learn proper equipment set-up and use as well as develop safe working habits while in the lab.

WOOD FABRICATION - HSIT130

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: None*

This course is an introduction into cabinet and furniture construction. This course will cover safety and proper operational procedures of hand and power tools. Basic units will be taught on furniture, dimensions, and other aspects that accompany the cabinetmaking process . The students will construct and build a nightstand which is required to be completed in the semester. The cost of the nightstand is $100. During the class, there will be lecture sessions where note taking and good study skills are essential to pass the class.

ADVANCED WOOD FABRICATION - HSIT135

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Wood Fabrication*

Advanced Wood Fabrication is a continuation of the Wood Fabrication course and is dedicated to further advance techniques and skill levels in all aspects of furniture and cabinetmaking. The students will design and construct a project with cabinet related applications. There is a fee for supplies depending on the project designed.

CONSTRUCTION TECH A - HSIT140 & B - HSIT145

Grade Level: 11,12 ; Course Credit 10 ; *Prerequisite:Advanced Wood Fabrication*

This course is designed to introduce students to the basic skills, processes & materials necessary for construction of single family dwellings. The main project during the course will be the construction of a five bedroom house; however, this class is not designed to prepare journeyman level tradesman, rather, it is designed to introduce the various facets of home construction whereby the student can develop fundamental skills of "entry level" & proceed into the vocational technical schools or apprenticeship programs. It is intended for the serious student who will be willing to work & desires to learn about the building trades. During the year approximately 95% of the course will be "on the job" training with 5% devoted to classroom activities, lectures, etc. **Students are expected to provide their own transportation to & from the construction site. **This is a year long course, please sign up for both HSIT140 AND HSIT145. These courses are repeatable courses.**

TRANSPORTATION I - HSIT150

Grade Level: 10,11,12 ; Course Credit: 10 ; **Dual Credit through CCC**; *Prerequisite*: *None*

All students who take this class must enroll with CCC for dual credit. This is an introductory college level course in Transportation Technology provided by Central Community College. Students must be 16 years of age when beginning the course to be eligible for dual credit. The course will consist of lectures, demonstrations and classroom work. Students will receive basic OSHA safety training and shop practices, including the proper use of shop equipment, hand tools, measuring instruments, specialized tools and equipment, fasteners, and reference materials needed for repair and maintenance of vehicles. Basic automotive operation principles will be covered as they apply to the engine, chassis, drive train, brakes, suspension, front end, electrical and other systems of the automobile. An overview of the transportation system and its role in our global economy, including careers will be presented in addition to vehicle ownership to include buying, financing and insurance coverage. **Students must earn at least a 68% to continue to the second term of this class; if this requirement is not met, they will be removed from the class at term.** This course is a prerequisite for entry into Transportation Technology II and III and further study. CCC credit is earned for AUTO 1000 - Basic Shop Practices (2 credits) and AUTO 1020 - Basic Shop Practices/Fasteners (2 credits). This course is taught at KHS.

TRANSPORTATION II - HSIT155

Grade Level: 10,11,12 ; Course Credit: 10 ; **Dual Credit through CCC** ; *Prerequisite:Transportation I with at least a 68%.*

All students who take this class must enroll with CCC for dual credit. This is a college level course in Transportation Technology provided by Central Community College. Students must be 16 years of age when beginning the course to be eligible for dual credit. Students will study the following automotive systems, engine performance, brakes, suspension and alignment and tire balancing. These systems will be taught with students using diagnostic tools to better understand the vehicle ignition system and basic engine mechanical operating system. Students will also have the opportunity to diagnose and repair brake systems, suspension and steering systems, alignment angles and how they are used together to help make the vehicle safer and improve operation. The course will also teach proper procedures for tire maintenance and repair. Keyboarding skills and technical reading will be applied in diagnosis and service. The course will consist of roughly 70% shop work and 30% classroom work. Students must earn at least a 68% to continue to the second term of this class; if this requirement is not met, they will be removed from the class at term.CCC credit earned is for AUTO 1800 - Brakes, Suspension, Align, & Tire Balance (3 credits).

TRANSPORTATION III - HSIT160

Grade Level 11,12 ; Course Credit: 10 ; **Dual Credit through CCC**; *Prerequisite: Transportation II with at least a 68%*

All students who take this class must enroll with CCC for dual credit. In this college level course provided by Central Community College, students will continue developing skills and knowledge obtained in Transportation I and II classes. This college level course will include and introduction to vehicle power trains, including a study of parts and their function, adjustment and repair procedures for clutches, manual transmissions, and drive shafts. The course will also include an introduction to computer systems including electrical fundamentals using various circuits, batteries, starting and charging systems and a study of basic electronics. Students must earn at least a 68% to continue to the second term of this class; if this requirement is not met, they will be removed from the class at term.CCC credit is earned for AUTO 1100 and 3 credits for this course and AUTO 1200 - Manual Transmission/Clutches (2 credits)

MECHATRONICS I - HSIT170

Grade Level: 11,12; Course Credit: 10; **Dual Credit Eligible through CCC**; *Prerequisite: None*

This is an introductory, college level course in Mechatronics provided by Central Community College. In part one of this course, students will gain an understanding of foundational electrical principles while building custom electrical trainers. Students will also perform basic calculations and use a multimeter while building and testing DC electrical circuits found in industry. In part two of this course, students will explore the industrial instrumentation career field and demonstrate safe laboratory practices while operating continuous process measurement and control devices. Upon successful completion of the course, CCC credit is earned for INDT 1100 - Concepts of Electronics I (3 credits) and INDT 1800 - Introduction to Instrumentation (3 credits). This course is taught at KHS.

MECHATRONICS II - HSIT171

Grade Level: 11,12; Course Credit: 10; **Dual Credit Eligible through CCC**; *Prerequisite: Mechatronics I*

In this course, students will continue their work from Mechatronics I with the addition of industrial sensors and a programmable logic controller, or PLC. PLC's are rugged computers used for the automation of factory processes. Students will explore, design, build, program, and test automated systems using a PLC and various industrial sensors. Upon successful completion of the course, CCC credit is earned for INDT-1200 Intro to Programmable Controls (3 credits) and INDT-2410 Applications of Industrial Sensors (3 credits). This course is taught at KHS.

INTRODUCTION TO ENGINEERING DESIGN PLTW - HSIT200

Grade Level: 10,11,12 ; Course Credit 10 ; *Prerequisite: Engineering Essentials PLTW*

This course allows students to further develop skills learned in Engineering Essentials PLTW, with an emphasis in design using a professional CAD program.

PRINCIPLES OF ENGINEERING PLTW - HSIT205

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Intro to Engineering Design PLTW*

This course further develops student knowledge of mechanical principles, robotics, and programming with an extensive use of math and science to solve real-life problems.

ENGINEERING DESIGN AND DEVELOPMENT PLTW - HSIT215

Grade Level: 10, 11,12; Course Credit:10 ; *Prerequisite: Principles of Engineering PLTW*

This course allows students to work in teams using knowledge and skills obtained in other engineering courses to solve a semester-long design problem of their choosing.

ENGINEERING ESSENTIALS PLTW - HSIT225

Grade Level: 9, 10, 11, 12 ; Course Credit: 5 ; *Prerequisite: Algebra I*

This course is designed for students who wish to learn more about a career in engineering, as well as students who enjoy applying problem solving through hands-on activities.

PRODUCTION WELDING I - HSIT300

Grade Level: 10,11,12 ; Course Credit: 10; **Dual Credit Eligible through CCC;** *Prerequisite: Welding Processes*

Production Welding I discusses Theory and application of the gas metal arc welding process on mild steel. Welds are made in all positions, on various joints, and using different shielding gasses. The students will learn proper equipment set-up and use as well as develop skills necessary for the production welding industry while working safely in the lab.

PRODUCTION WELDING II - HSIT305

Grade Level: 10,11,12 ; Course Credit: 10; **Dual Credit Eligible through CCC;** *Prerequisite: Production Welding I*

Production Welding II discusses Theory and application of the Gas Metal Arc Welding and Metal Inert Gas Welding processes as used with aluminum and other nonferrous alloys and stainless steel. Students will learn proper equipment set-up and use as well as develop skills necessary for the production welding industry while working safely in the lab. Additionally, this course provides the student with a basic understanding of the oxyacetylene process. The student will set up the station. The student will learn to weld in all positions on various thicknesses of mild steel.

BLUEPRINT READING - HSIT310

Grade Level: 11, 12 ; Course Credit: 5 ; **Dual Credit Eligible through CCC** ; *Prerequisite: Welding Processes*

Blueprint Reading and Cutting will prepare students to read industrial drawings in the welding field and develop basic drawing skills. This course will also detail the theory and practice of cutting ferrous and nonferrous metals. A variety of cutting processes will be covered, including oxyacetylene, arc, and plasma. This is a Dual Credit CCC Course. Students will need to pay CCC Tuition. Weld1250 is the CCC course name.This course is taught at KHS.

JROTC

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit/AP
JROTC 1-The Emerging Leader	9,10,11, 12	10	*None*		No
JROTC 2-The Developing Leader	10,11,12	20	*JROTC 1*		No
JROTC 3 - The Supervising Leader	11, 12	20	*JROTC 2*		No
JROTC 4 - The Managing Leader	12	20	*JROTC 3*		No

JROTC 1 The Emerging Leader-HSRO100

Grade Level: 9,10,11,12; Course Credit: 10; Prerequisite: *None*

The Army Junior Reserve Officers' Training Corps (JROTC) program is designed to develop strong leaders and model citizens. First-year Cadets will be introduced to content that will help the inner leader begin to emerge. This program will help students build a strong knowledge base of self-discovery and leadership skills applicable to many leadership and managerial situations. Students will be introduced to the history, customs, traditions, and purpose of the Army JROTC program. Students will be exposed to strategies to maximize their potential for success through learning and self-management. Team work and team building strategies will be explored utilizing military marching drill exercises. Basic leadership skills to include leadership principles, values and attributes and communications skills are integrated throughout the course. JROTC curriculum is enhanced through physical fitness activities, extracurricular, and co-curricular activities.

JROTC 2 The Developing Leader-HSRO110

Grade Level: 10,11,12; Course Credit: 20; Prerequisite: *JROTC 1 The Emerging Leader*

The Army Junior Reserve Officers' Training Corps (JROTC) program is designed to develop strong leaders and model citizens. Second-year Cadets will continue to build on LET1 knowledge and skills and find themselves introduced to new content that will help them develop as a leader in the program, school, and community. As self-directed learners, students will study fundamental citizenship skills, the foundation of the American political system and the U.S. Constitution. Personal responsibility and wellness are reinforced by diet, nutrition and physical fitness activities. Drug and alcohol awareness and prevention are reinforced. Students are placed in leadership roles that enable them to demonstrate an understanding of basic leadership principles, values, and attributes. JROTC curriculum is enhanced through physical fitness activities, extracurricular, and co-curricular activities.

JROTC 3 The Supervising Leader- HSRO120

Grade Level: 11, 12; Course Credit: 20; Prerequisite: *JROTC 2 The Developing Leader*

The Army Junior Reserve Officers' Training Corps (JROTC) program is designed to develop strong leaders and model citizens. Third-year Cadets will continue to build on LET1 and LET2 knowledge and skills and find themselves introduced to new content that will help develop supervisory skills and abilities. Command and staff principles are introduced and include an overview of organizational roles and responsibilities. Leadership strategies, managing conflict, leading others, planning and communications skills are evaluated to improve

organizational effectiveness. Career planning is investigated. JROTC curriculum is enhanced through physical fitness activities, extracurricular, and co-curricular activities.

JROTC 4 The Supervising Leader- HSRO130

Grade Level: 12; Course Credit: 20; Prerequisite: *JROTC 2 The Developing Leader*

The Army Junior Reserve Officers' Training Corps (JROTC) program is designed to develop strong leaders and model citizens. Second-year Cadets will continue to build on LET1 knowledge and skills and find themselves introduced to new content that will help them develop as a leader in the program, school, and community. As self-directed learners, students will study fundamental citizenship skills, the foundation of the American political system and the U.S. Constitution. Personal responsibility and wellness are reinforced by diet, nutrition and physical fitness activities. Drug and alcohol awareness and prevention are reinforced. Students are placed in leadership roles that enable them to demonstrate an understanding of basic leadership principles, values, and attributes. JROTC curriculum is enhanced through physical fitness activities, extracurricular, and co-curricular activities.

MATH

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit/AP
Math Enrichment	9, 10, 11, 12	10	*Placement per NSCAS scores or continuation of Math 180*		No
Algebra IA	9,10,11,12	10	*Placement per NSCAS scores or Math Enrichment*		No
Algebra IB	10,11,12	10	*Algebra IA*		No
Algebra I	9,10,11,12	10	*Placement per NSCAS scores*		No
Basic Geometry	10,11,12	10	*Algebra IB or Algebra I*		No
Geometry	9,10,11,12	10	*Algebra I*		No
Statistics Essentials	11, 12	10	*Basic Geometry or Geometry*		No
Algebra II	9,10,11,12	10	*Algebra I or Algebra IB*		No
Honors Algebra II	9,10,11,12	10	*Algebra I*		No
Pre-Calculus	10, 11,12	10	*Geometry and Algebra II or Honors Algebra II*		No
Honors Pre Calc	10,11,12	10	*Geometry and Honors Algebra II*		No
College Algebra	11,12	10	*Geometry and Algebra II or Hon Algebra II; Recommend Pre-calc, Math ACT 22 or MAP math 249*		CCC dual credit
AP Calculus	11,12	10	*Pre Calc or H Pre Calc*		CCC dual credit or AP Test
AP Statistics	11,12	10	*Algebra II or Honors Algebra II*		CCC dual credit or AP Test
Occupational Math	11,12	10	*Basic Geometry or Geometry*		CCC dual credit

MATH ENRICHMENT - HSMA102

Grade Level: 9, 10, 11, 12; Course Credit: 10 ; *Prerequisite: Placement per NSCAS scores or continuation of Math 180*

This course is designed for students who are continuing to build their foundational math skills. This course counts for high school math credits towards high school graduation but is not recognized by the college and university system as meeting their math entrance requirements.

ALGEBRA IA - HSMA100

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: Placement per NSCAS scores or Math Enrichment*

This course will cover topics that are traditionally taught during the first half of a traditional Algebra 1 class. The material will be spread over an entire semester, and is meant for those students who have had difficulty in 8th grade math. This course will be followed by Algebra 1B, which will cover topics from the second half of Algebra 1. Completion of both courses will be the equivalent of completing Algebra 1 for college entrance purposes.

Clear Learning Goals:

- Students will evaluate and simplify numeric and algebraic expressions involving the four basic operations
- Students will solve problems involving multi-step equations.
- Students will graph linear equations, use linear models to solve problems, and write linear equations in various forms
- Students will solve linear systems of equations by graphing, substitution, and elimination.
- Students will solve problems involving multi-step inequalities, including compound inequalities and absolute value inequalities.
- Students will be proficient using linear functions and equations.

ALGEBRA I - HSMA105

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: Placement per NSCAS Scores (224)*

This course is the foundation for high school mathematics courses. A "C" or better is recommended to advance to Geometry or Algebra II.

Clear Learning Goals:

- Students will evaluate and simplify numeric and algebraic expressions involving the four basic operations.
- Students will analyze linear functions through solving, graphing, and writing.
- Students will analyze linear inequalities through solving, graphing, and writing.
- Students will solve linear systems of equations by graphing, substitution, and elimination
- Students will analyze quadratic functions through solving, graphing, and writing.

ALGEBRA IB - HSMA110

Grade Level: 10,11,12 ; Course Credit:10 ; *Prerequisite: Algebra IA*

This course will cover topics that are traditionally taught during the second half of a traditional Algebra 1 class. The material will be spread over an entire semester, and is meant for those students who have had difficulty in math. This course will follow Algebra 1A, which covers topics from the first half of Algebra 1. Completion of both courses will be the equivalent of completing Algebra 1 for college entrance purposes.

Clear Learning Goals:

- Students will use the laws of exponents to simplify exponential, and radical expressions.
- Students will solve quadratic equations by graphing, factoring, and the square root method.

BASIC GEOMETRY - HSMA115

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Algebra I or Algebra IB*

This course is intended to follow Algebra IA/1B. This course will emphasize geometric concepts from a practical application point of view with a de-emphasis on geometric proofs. Placement in this class is made upon recommendation of a student's math instructor. This course may be followed by Statistics Essentials or Algebra II. It is a replacement course for Geometry, not preparatory.

Clear Learning Goals:

- Students will examine geometric figures, analyze their properties, and apply definitions to determine relationships.
- Students will use simple logic to analyze geometric problems.

GEOMETRY- HSMA120

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: Algebra I*

This course is intended to follow Algebra I. This course will emphasize inductive reasoning and deductive reasoning.

Clear Learning Goals:

- Students will integrate algebra skills to analyze geometric properties using inductive and deductive reasoning.
- Students will apply facts, rules, definitions, and properties to determine relationships among geometric figures.

STATISTICS ESSENTIALS - HSMA165

Grade Level: 11,12 ; Course Credit: 10 ; *Prerequisite: Basic Geometry or Geometry*

This course is designed to equip students with the mathematical, statistical, and computational reasoning skills that apply to real-world situations. Students will collect, organize, and analyze data; interpret graphs and distributions; explore relationships between variables; and apply concepts of probability to make predictions and informed decisions. Emphasis will be placed on understanding concepts and interpreting results with basic algebraic manipulation.

ALGEBRA II - HSMA125

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: Algebra I or Algebra IB*

The Math Department suggests that geometry preceding Algebra II may be advisable for potential Precalculus students. Algebra II is a prerequisite for Precalculus and AP Statistics.

Clear Learning Goals:

- Students will analyze linear functions and relations through solving, graphing, and writing.
- Students will analyze quadratic, polynomial, and radical functions and relations through solving, graphing, and writing.
- Students will analyze exponential, logarithmic, and rational functions and relations through solving, graphing, and writing.

HONORS ALGEBRA II - HSMA130

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: Algebra I*

Honors Algebra II is for the math student who has an excellent understanding of Algebra I. The math department suggests that geometry preceding Honors Algebra II may be advisable for potential precalculus students. Students in this course are expected to master the above topics at a higher level of performance, a higher level of difficulty, and at a faster pace than in an Algebra II course.

Clear Learning Goals:

- Students will analyze linear functions and relations through solving, graphing, and writing.
- Students will analyze quadratic, polynomial, and radical functions and relations through solving, graphing, and writing.
- Students will analyze exponential, logarithmic, and rational functions and relations through solving, graphing, and writing.

PRE-CALCULUS - HSMA135

Grade Level: 10, 11,12 ; Course Credit: 10 ; *Prerequisite: Geometry & Algebra II or Honors Algebra II*

An in-depth study of trigonometry is emphasized to prepare students for a course in calculus. The course also includes a study of more advanced topics in algebra such as exponential equations, sequences and series, and analytical geometry.

Clear Learning Goals:

- Students will analyze, graph, and perform operations with algebraic, exponential, and logarithmic functions.
- Students will analyze trigonometric functions to solve complex problems involving angles and triangles.
- Students will analyze and apply formulas to solve sequence and series problems.

HONORS PRE-CALCULUS - HSMA140

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Geometry & Honors Algebra II*

This course is intended for those who have successfully completed Honors Algebra II. Honors Pre-Calculus will be taught with the assumption that students are taking it in preparation for Calculus. The same topics will be covered as in Pre-Calculus but students will be expected to master the topics at a higher level of performance and a higher level of difficulty than Precalculus.

Clear Learning Goals:

- Students will analyze families of functions and determine the effects of transformations on their graphs and equations.
- Students will investigate trigonometric functions and their applications.
- Students will investigate exponential and logarithmic functions, and will solve exponential and logarithmic equations.
- Students will analyze sequences, including geometric and arithmetic, and will apply formulas to solve sequence and series problems.

COLLEGE ALGEBRA - HSMA146

Grade Level: 11,12 ; Course Credit: 10 ; **Dual Credit Eligible CCC** ; *Prerequisite: Geometry & Algebra II or Honors Algebra II Recommendations: Pre-Calculus, ACT Math score 22 or MAP math score 249*

Clear Learning Goals:

- Students will examine relations, functions, equations, inequalities, and systems.
- Students will apply algebraic concepts to solve problems.

College Algebra is a course needed for various degrees. Taught at the CCC Kearney location for dual credit. The CCC course number is Math 1150. Students cannot be at KHS during scheduled ELOs. This course is taught at CCC.

AP CALCULUS - HSMA150

Grade Level: 11,12 (10th w/administrator approval) ; Course Credit: 10; **Dual Credit Eligible CCC** (must be 16 for dual credit); *Prerequisite: Pre-Calc or H Pre Calc*

Calculus is the mathematics of motion and change. A strong background in Algebra II and Trigonometry is necessary. The course is equivalent to the first semester Calculus course and roughly 25% of the second semester Calculus course being taught at most universities. Students will be prepared to take the AP Calculus test in the spring. The AP test is voluntary. Students will be required to have a TI-Nspire CX CAS calculator for this course. Students may purchase one on their own, or one may be provided by KHS if they do not wish to purchase their own. The CCC course number is Math 1600. This course is taught at KHS.

Clear Learning Goals:

- Students will analyze and review properties of elementary functions and solve problems involving the limits of these functions.
- Students will define the derivative of a function, use rules to produce the derivative of any function, and apply the properties of derivatives to set up and solve a variety of problems.
- Students will define an integral, investigate and apply the properties of integrals, set up and solve problems involving integrals, and examine the implications of the Fundamental Theorem of Calculus.

AP STATISTICS - HSMA155

Grade Level: 11,12 ; Course Credit: 10 ; **Dual Credit Eligible CCC** *; Prerequisite: Algebra II or Honors Algebra II*

The purpose of the AP Statistics course is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data, Sampling, and Experimentation, Anticipating Patterns and Statistical Inference. Students planning to take a science course in their senior year may benefit from taking AP Statistics in their junior year. For students who otherwise take no mathematics in their senior year, AP Statistics allows them to continue to develop their quantitative skills. Students who wish to leave open the option of taking calculus in college should include precalculus in their high school program and perhaps take AP Statistics concurrently with precalculus. Students with the appropriate mathematical background are encouraged to take both AP Statistics and AP Calculus in high school. The CCC course number is Math 2170. This course is taught at KHS.

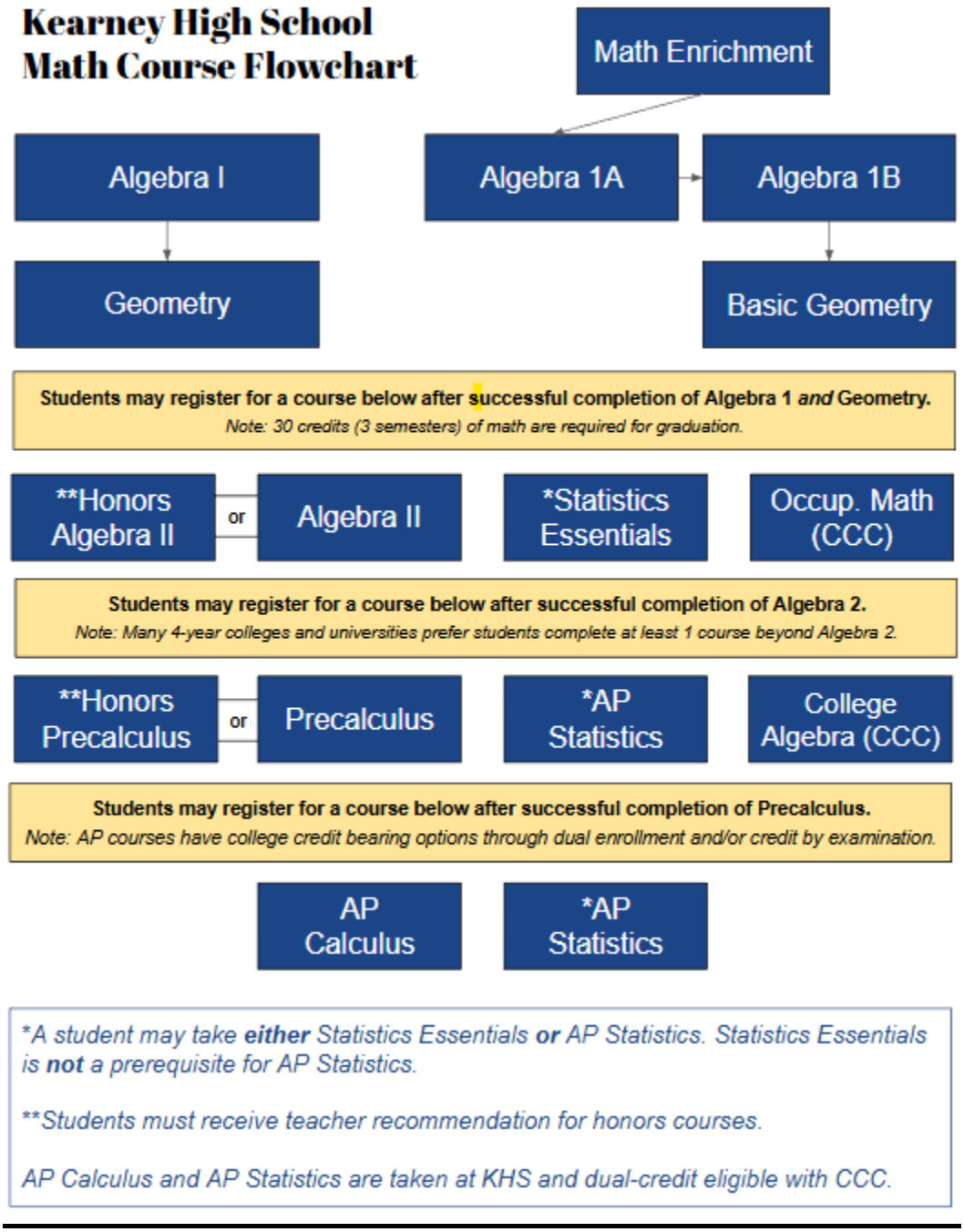
Clear Learning Goals:

- Students will use data to describe patterns and departures from patterns.
- Students will plan and conduct a study. Students will explore phenomena using probability and simulation.
- Students will estimate population parameters and testing hypotheses.

OCCUPATIONAL MATH - HSMA144

Grade Level: 11,12 ; Course Credit: 10 ; **Dual Credit Eligible CCC** ; *Prerequisite: Basic Geometry or Geometry*

Vocational and financial applications involving mathematical operations, measurement systems, geometric relationships, and basic statistical and algebraic concepts. This course is for students planning on 2 year degrees and does not meet requirements for entry into a 4 year college. The course is recommended for students who plan on attending a vocational or trade school to count as college credit in their program of study. Taught at the CCC Kearney location for dual credit. Students cannot be at KHS during scheduled ELOs. This class is taught at CCC.



MUSIC

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit/AP
Marching Band	9,10,11,12	2.5	*Prior band experience or director approval*		No
Color Guard	9,10,11,12	5	*By audition only and enrollment in marching band*		No
History of Rock and Roll	9,10,11,12	5	*None*		No
Symphonic Band	10,11,12	10	*Placement exam & enrollment in marching band & in SB Chamber Winds*		No
Wind Ensemble	10,11,12	10	*Placement exam and enrollment in marching band and WE Chamber Winds*		No
Concert Band	9	20	*Prior band experience and enrollment in marching band*		No
Jazz Ensemble	10,11,12	10	*By audition and enrollment in wind ensemble*		No
Jazz Lab Band	10,11,12	10	*Prior band experience or director approval and enrollment in symphonic band*		No
Percussion Ensemble	9,10,11,12	5	*Prior band experience, enrollment in a band class terms 2-4 and enrollment in marching band*		No
Symphonic Orchestra	9,10,11,12	20	*Prior strings experience or director approval*		No
Select Camerata	9,10,11,12	20	*Prior strings experience by audition.*		No
Concert Orchestra	9	20	*Prior strings experience or director approval*		No
Sapphire and Gold Singers	10,11,12	20	*By audition and must have prior choral experience*		No
KHS Chorale/Pops Choir	10,11,12	20	*By audition and must have prior choral experience*		No
Concert Choir	9,10,11,12	20	*Prior choral experience recommended*		No
AP Music Theory	10, 11,12	10	*Intro to Music Theory*		AP Test
Intro to Music Theory	9,10,11,12	5	*None*		No
WE Chamber Winds	10, 11, 12	10	*Enrollment in wind ensemble*		No
SB Chamber Winds	10,11,12	10	*Enrollment in symphonic band*		No
Chamber Strings	9,10,11,12	10	*Enrollment in symphonic orchestra*		No

MARCHING BAND - HSMU100

Grade Level: 9,10,11,12 ; Course Credit: 2.5 ; *Prerequisite: Prior band experience or director approval*

This class meets outside of the school day and is taught in conjunction with band coursework term 1. Students must sign up for this course if registering for a band course term 1. Evening and weekend performances are required. Total credits will equal 102.5 with marching band included.

COLOR GUARD - HSMU101

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: By audition only and enrollment in marching band*

The color guard is part of the marching band and focuses on the visual aspect of the performance. The purpose of this class is to allow the students to learn basic color guard skills and the dance and flag routines that will be performed while they are marching. This class is by audition only and the auditions for the color guard will happen during 3rd quarter and students must also enroll in marching band.

HISTORY OF ROCK AND ROLL - HSMU102

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

Rock and roll is the music of America, of youth, of rebellion, and of the common spirit that ties all that together. It has also, since its birth over sixty years ago, spread throughout the entire world. Its history is a compelling story of musical and cultural changes that, like a tidal wave, changed the existing mores and conventions of life in the 20th century. Throughout this course, we will detail the most important rock styles, how they evolved, and their important artists, as well as their key recordings. Biographical information will also be included about recording artists, composers, producers, DJ's, record executives, and other relevant figures to the history of music.

SYMPHONIC BAND - HSMU105

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Placement exam and enrollment in marching band and in SB Chamber Winds*

This instrumental group performs a variety of advanced symphonic band arrangements with an emphasis on quality literature. The Symphonic Band performs in three concerts and may compete in the District Music Contest. Symphonic Band members are automatically members in Marching Band and will be placed in a Pep Band. Students must register for Marching Band when registering for Symphonic Band.
**The expectation for this class is that this is a yearlong commitment. **

WIND ENSEMBLE- HSMU110

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Placement exam and enrollment in Marching Band and WE Chamber Winds*

This instrumental ensemble continues to build on the advanced level symphonic literature with an emphasis on individual musicianship and expressive playing. We will explore a variety of quality literature that spans the musical eras. Students will be placed in Wind Ensemble based on their performance on the placement exam. The Wind Ensemble members are required to be members in the Marching Band and Pep Band and must register for Marching Band.
The expectation for this class is that this is a yearlong commitment

CONCERT BAND - HSMU115

Grade Level: 9; Course Credit: 20 ; *Prerequisite: Prior Band Experience and enrollment in Marching Band*

The Concert Band is the entry point for the Kearney High Band Program. Students will learn and demonstrate a basic proficiency in scales, theory, and performance. Expectations are high and the music will be appropriate for the musicianship level. We seek to fulfill our goal of "Enriching lives through music!" All freshman band students will need to sign up for Concert Band unless there is special permission from an instructor. Concert Band members must also register for Marching Band.
The expectation for this class is that this is a yearlong commitment

JAZZ ENSEMBLE - HSMU120

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite*: *By audition and enrollment in Wind Ensemble*

This class teaches intermediate to advanced Jazz Band styles and playing including rhythm, literature, articulations, forms, and improvisation. Performance is an important part of the class and will include concerts, community events, and jazz festivals. The group will consist of the following basic instrumentation: 5 saxophones, 5 trumpets, 4 trombones, 1 Drummer, 1 Bass Guitar, 1 Guitar, 1 Vibes, 1 keyboard (pianist). Students must be enrolled in Wind Ensemble or have special permission from the instructor.
The expectation for this class is that this is a yearlong commitment.

JAZZ LAB BAND - HSMU125

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Prior band experience or director approval and enrollment in Symphonic Band*

This group is the entry level group for students wishing to gain experience in a jazz group. The class provides students the opportunity to become familiar with jazz basics in playing demands, styles, and techniques. Although the group will perform at concerts and some community events, the course objective is to teach students a basic fundamental knowledge of how to read, understand, and play Jazz music and a rudimentary understanding of the history of Jazz. Students must be enrolled in Symphonic Band or have special permission from the instructor.
The expectation for this class is that this is a yearlong commitment.

PERCUSSION ENSEMBLE - HSMU130

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: Prior band experience, enrollment in a band class terms 2-4, and enrollment in Marching Band*

This group is for ALL students who participate in the drumline for KHS marching band. Registration for marching band is also required. The course will cover all things related to percussion playing. The course is 1 term long and will require students to be enrolled in a band ensemble class terms 2-4. Students should NOT register for a band class (other than marching band) during term 1.

SYMPHONIC ORCHESTRA - HSMU200

Grade Level: 9,10,11,12 ; Course Credit: 20 ; *Prerequisite: Prior strings experience or director approval*

The Symphonic Orchestra is a group for all string players that meets 3 days a week for the entire year. The group performs concerts in the fall, winter, and spring as well as other functions throughout the year. Students are encouraged to perform in youth symphonies, area community symphonies, and play solos and perform small ensembles throughout the year. This class meets for 2 semesters. **The expectation for this class is that this is a yearlong commitment**

SELECT CAMERATA - HSMU205

Grade Level: 9,10,11,12 ; Course Credit: 20 ; *Prerequisite: Prior strings experience by audition.*

The Camerata Orchestra is an advanced instrumental ensemble at Kearney High School. Students accepted to Camerata must also be enrolled in Symphonic Orchestra. Camerata meets 3 days a week opposite of Chamber Strings. Students wishing to audition for the class will use the upcoming year's NMEA All-State audition etudes and are expected to participate in the class for the entire year. All Camerata members are expected to also play in the Symphonic Orchestra. In the event that the Cameratas desired instrumentation is not achieved at the beginning of the school year or if there becomes an opening, students can audition for open spot(s) for the 3rd & 4th terms. Audition material is available from the

director. Auditions will be held at the close of each school year. **The expectation for this class is that this is a yearlong commitment**

CONCERT ORCHESTRA - HSMU215

Grade Level: 9 ; Course Credit: 20 ; *Prerequisite: Prior strings experience or director approval*

The Concert Orchestra is a group for freshman string players that meets 5 days a week for the entire year. The group performs concerts in the fall, winter, and spring as well as other functions throughout the year. Students are encouraged to perform in youth symphonies, area community symphonies, and play solos and perform small ensembles throughout the year. This class meets for 2 semesters. **The expectation for this class is that this is a yearlong commitment**

SAPPHIRE AND GOLD SINGERS - HSMU300

Grade Level: 10,11,12 ; Course Credit: 20 ; *Prerequisite: By audition and must have prior choral experience*

This is an advanced ensemble and attendance is expected at all performances. The singers will audition for conventions, compete in District Music Contest, travel in the U.S., and perform locally in concerts. This group will perform all styles and genres of SSA quality choral literature. There will be continued basics in musicianship stressed, including vocal technique training and sight-reading skills. Singers will be encouraged to audition for All-State Chorus and university honor choirs. **The expectation for this class is that this is a yearlong commitment. Withdrawal from this class without a teacher or administration approval will result in a grading penalty.**

KHS CHORALE/POPS CHOIR - HSMU310

Grade Level: 10,11,12 ; Course Credit: 20 ; *Prerequisite: By audition and must have prior choral experience*

This is a top performing group and attendance is expected at all performances. The singers will perform popular music, songs from musicals, character pieces, jazz, and ballads. A professional choreographer will be hired to block the show. This group will audition for conventions, perform on state jazz and show choir festivals, tour, perform locally for service organizations, and give a benefit concert. **The expectation for this class is that this is a yearlong commitment. Withdrawal from this class without a teacher or administration approval will result in a grading penalty.** Students must also be concurrently enrolled in Chorale.

CONCERT CHOIR - HSMU320

Grade Level: 9,10,11,12 ; Course Credit: 20 ; *Prerequisite: Prior choral experience recommended*

This performing group is the entry level group for young men and women. This group will perform at local choral concerts. The basics in musicianship will be stressed, including vocal technique training and sight-reading skills. The singers will perform all styles and genres of quality TTBB, SATB, and SSA literature. **The expectation for this class is that this is a yearlong commitment.**

INTRO TO MUSIC THEORY - HSMU336

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

This class is designed to serve as a general overview of music. Topics of discussion and study will include music technology (sound systems, computer notation, and audio production), music theory (music reading and theoretical skills), music history (light overview of the main musical eras) , and music composition (using “Garage Band” and/or music notation software. This class is open to any student in Kearney High, regardless of musical background.. This class also serves as a prerequisite for the AP Music Theory class offered at Kearney High.

AP MUSIC THEORY - HSMU335

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Intro to Music Theory*

AP Music Theory is a class that is designed to deepen student understanding of the mechanics of music and broaden their appreciation for all that goes into music composition, performance, and production. We

will start with the most basic of terms and concepts and progress to very interesting and in depth music theory concepts. The content of the course will be rigorous and thorough and will effectively prepare students for their first year of study in college.

WE CHAMBER WINDS - HSMU400

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Enrollment in Wind Ensemble*

Students enrolled in this class will study the fundamentals of rehearsing and performing in a chamber ensemble setting. These students will also perform as the wind and percussion section for the full orchestra.

SB CHAMBER WINDS - HSMU401

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Enrollment in Symphonic Band*

Students enrolled in this class will study the fundamentals of rehearsing and performing in a chamber ensemble setting. In addition, these students will study basic music history and theory.

CHAMBER STRINGS - HSMU405

Grade Level: 9,10,11,12 ; Course Credit: 10; *Prerequisite: Enrollment in Symphonic Orchestra*

Those students that are not accepted to, or do not wish to participate in Camerata, will take Chamber Strings. Students must also be enrolled in Symphonic Orchestra. The Chamber Strings class meets 3 days a week, opposite the Camerata Orchestra. This class will spend time working on current Symphonic Orchestra repertoire, small chamber ensembles, as well as focus on supplemental strings techniques and skills.

ORAL COMMUNICATION

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit/AP
Communication Arts	9, 10, 11,12	5	*None*		No
Public Speaking	9,10,11,12	5	*Communication Arts*		No
Advanced Speech	10,11,12	10	*Public Speaking*		No
Beginning Acting	9,10,11,12	5	*None*		No
Advanced Acting	10,11,12	10	*Beginning Acting*		No
Stagecraft	9,10,11,12	5	*None*		No
Musical Theatre	10,11,12	10	*Beginning Acting and Concert Choir*		No
Technical Theatre	10,11,12	10	*Stagecraft*		No
Introduction to Media	9,10,11,12	5	*None*		No
Digital Creative I	9,10,11,12	5	*Intro to Media*		No
Sports & Entertainment Media & Marketing I	10,11,12	5	*Intro to Media and Marketing I*		No
Media Productions II	10,11,12	10	*Media Productions I or Digital Creative I or Sports & Entertainment Media & Marketing*		No
BearcatVision S1	11,12	10	*Media Productions II*		No
BearcatVision S2	11,12	10	*Media Productions II*		No
Journalism	9,10,11,12	5	*None*		No
Journalism II	9,10,11,12	5	*Journalism*		No
LOG (yearbook)	10,11,12	20	*Journalism II*		No
ECHO (newspaper)	10, 11,12	20	*Journalism II*		No
Intro to Digital Photography	9,10,11,12	5	*None*		No
Publications Photography	10,11,12	5	*None*		No

COMMUNICATION ARTS - HSOC100

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

A project-based introductory course designed to give students the skills necessary for effective communication in personal, academic, and vocational/professional contexts. Specific concepts to be introduced or strengthened include basic communication theories, sound research techniques, interview techniques, message organization, oral communication writing and delivery principles, group discussion and conflict resolution, critical listening, audience analysis, and techniques of argumentation.

PUBLIC SPEAKING - HSOC105

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: Communication Arts*

Public Speaking builds upon the fundamental principles of effective communication introduced in Communication Arts. Specific concepts to be introduced, strengthened, or mastered include adaptation of message to audience, persuasive appeals, logical fallacies, argumentation structure, rebuttal strategies, character analysis, and interpretation principles.

ADVANCED SPEECH - HSOC110

Grade Level: 10,11,12 ; Course Credit: 10 *Prerequisite: Public Speaking*

Advanced speech focuses on the competitive aspect of public speaking. Students in this course will have the opportunity to choose either the "platform" or "performance" track and will then construct and present **five** performance types. They will perform these for a grade and can also use these presentations at competitions. The performance types include the following

1. Platform (Informative Speech, Persuasive Speech, Entertainment)
2. Individual Interpretation (Serious Interpretation or Humorous Interpretation)
3. Impromptu (Extemporaneous Speech)
4. Small-Group (Duet Acting or Oral Interpretation of Drama)
5. Poetry or POI

Specific concepts to be introduced, strengthened, or mastered include adapting a message to an audience, persuasive appeals, logical fallacies, argument structure, and rebuttal strategies, character analysis, and interpretation principles. This course can be repeated.

BEGINNING ACTING - HSOC200

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

Exploration of the foundations of acting through creative play, open critiques, in class exercises that incorporate movement and vocal techniques. Course includes an introduction to basic acting techniques, and performance analysis. Performance skills will be practiced and enhanced through the preparation of monologues and short scenes. Students will be required to perform in front of the class on a regular basis.

ADVANCED ACTING - HSOC205

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Beginning Acting*

Continued refinement of acting techniques through study and final performance of selected scenes and monologues, with a focus on audition techniques, character development, script analysis, and acting styles. All students in this course will also design, cast, and take part in a play to be toured around the community. Students will be required to perform in front of the class on a regular basis.

STAGECRAFT - HSOC210

Grade Level: 9, 10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

A course designed to provide students with a basic understanding of the aesthetics and practical application of all phases of technical production. In addition to scenic construction/painting and property design/construction, students will design and present orally on varying aspects of technical theatre to include: scenic design, properties, costume design, hair and makeup design, lighting design and sound engineering.

MUSICAL THEATRE - HSOC215

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Beginning Acting and Concert Choir*

This course is designed to train students in the skills of the actor/singer. It is a combination of learned skills in acting, voice, and movement to develop the "whole instrument". Students will work on solo, duet, and group musical theatre pieces, with an emphasis on vocal technique, diction, musicality, characterization, and truth in performance. Movement and musical theatre dance styles will also be introduced. Students will also learn professional musical theatre audition techniques, and create a musical theatre professional resume. Students will be required to perform in front of the class on a regular basis.

TECHNICAL THEATRE - HSOC225

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Stagecraft*

This advanced course will provide students with a basic understanding of the technical aspects of theatre. Study will include sound engineering, sound effects, lighting design, light cues, rigging system training, and stage manager training and introduction to production collaboration and management. Students in this course are welcome to become part of the tech crew for the spring musical.

INTRODUCTION TO MEDIA - HSOC300

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

This course will introduce students to a hands-on experience with digital media trends and current technology to create multimedia presentations for a variety of purposes (e.g broadcast, video, audio, Internet, mobile.) Students will learn about the power of media and its historical development, current trends, and future innovations. Students will focus on different areas of Digital Media and use their creativity and skills to create and edit projects while utilizing Adobe Photoshop, Audition and Premiere Pro.

DIGITAL CREATIVE I - HSOC325

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: Intro to Media*

Students enrolled in Digital Creative I will explore the art and technology behind digital media creation. Building on foundational video and media skills, students will plan, design, develop, edit, and evaluate projects that communicate ideas, tell stories, and engage audiences. The emphasis of this course is on creativity, experimentation, collaboration, and vision. Participants will learn the complete process of crafting digital stories through the phases of pre-production, production, and post-production. Students will explore camera techniques, composition, and visual effects, as well as the integration of sound, music, and motion graphics to enhance storytelling. Projects may include short films, digital narratives, and digital effects that highlight both creativity and technical skill.

SPORTS & ENTERTAINMENT MEDIA & MARKETING I - HSOC330

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: Intro to Media and Marketing I*

This course provides students with foundational knowledge and skills in sports and entertainment marketing, with an emphasis on media production for sporting events. Students will develop expertise in event management, sponsorships, ticket marketing, branding, public relations, and career opportunities within the sports and entertainment industries. In addition to marketing concepts, students will learn the video editing and production skills necessary to create engaging digital content for sports programs, including highlight reels, promotional videos, and social media posts. Projects will allow students to combine marketing strategies with practical media skills, preparing them to produce professional-quality content for events and athletic programs.

MEDIA PRODUCTIONS II - HSOC315

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Media Productions I or Digital Creative I or Sports & Entertainment Media & Marketing I*

Students enrolled in Media Productions II will build on the lessons learned in Media Productions I and will apply those skills in a variety of projects. The ability to brainstorm a project idea from initial story development to post production will allow students to explore the different realms of media that are prevalent in our society today. In Media Pro II, students will explore advanced techniques in video editing and story creation to build on the ideas of video storytelling to create student documentaries, PSA's, broadcast pieces, music videos and other projects. This individual-focused environment will put the emphasis on the student to create a desired project from start to finish. Students will utilize the Adobe tools they learned in Media Pro I, while also being introduced to Adobe After Effects.

BEARCATVISION S1 - HSOC345 & S2 - HSOC350

Grade Level: 11,12 ; Course Credit: 10 ; *Prerequisite: Media Productions II*

Students in BearcatVision will apply the media skills created and developed in previous classes to produce a variety of video projects for various clubs/sports/organizations. Students will learn to work with clients in and outside of the school and submit proposals to a business/customer for approval. The environment for this class will resemble a media/video production company. Examples of projects students may be tasked to complete include: team videos, company graphics and advertisements, game day experiences for BearcatVision; banquet style videos as well as segments asked for by school and/orDistrict. Students will create an electronic portfolio of work for final submission. BearcatVision S1 will be scheduled in the Fall. BearcatVision S2 will be scheduled in the Spring. Students can register for both.

JOURNALISM - HSOC400

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

This course introduces students to the world of news and mass communications. Major emphasis is placed on press history, the print process, copyediting, television, radio, and ethics. Students will learn about yellow journalism, major high school court cases, characteristics of news, and how to conduct an interview. Students wishing to work on the high school yearbook (LOG) or high school newspaper (ECHO) must complete this course.

JOURNALISM II - HSOC420

Grade Level:9,10,11,12 ; Course Credit: 5 ; *Prerequisite: Journalism*

This course continues the study of news and mass communication. Students will learn how to write headlines, leads, straight news writing, feature writing, editorial writing, column writing, sports writing, layout design and advertising. Topics also include: using a stylebook, conducting an interview, and ethics concerning tragedies. Careers in journalism will also be researched. Students wishing to work on the high school yearbook (LOG) or high school newspaper (ECHO) must complete this course.

LOG (YEARBOOK)- HSOC405

Grade Level: 10, 11,12 ; Course Credit: 20 ; *Prerequisite: Journalism II*

Students produce the yearbook by completing assigned spreads/pages on or before set deadlines during the entire school year. Responsibilities include: advertising sales, yearbook sales, organizing and editing yearbook pages, creating layouts, making photo assignments and writing body copy, headlines and captions to comply with the LOG stylebook guidelines. Students also work together to develop and implement a theme, plan the yearbook ladder, and organize and supervise the production of the yearbook to assure all spreads are handed in on or before deadlines. Students will also use Photoshop during the year. Some out-of-class time may be required.

ECHO (NEWSPAPER) - HSOC410

Grade Level: 10, 11,12 ; Course Credit: 20 ; *Prerequisite: Journalism II*

Students produce the newspaper by completing assigned stories and magazine pages on or before the set deadlines during the entire school year. Students will publish three issues during the first semester and three issues during the second semester. Responsibilities include: advertising sales, writing stories, writing headlines, writing captions and developing page layouts. Students also work together to select publication dates and deadlines for each issue, create and design page layouts, and make sure students are completing their assignments on or before the deadline. Students will work with InDesign and Photoshop during the year. Some out-of-class time may be required.

INTRO TO DIGITAL PHOTOGRAPHY - HSOC430

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

In this introductory photography course, students will learn the fundamentals of digital photography, including camera operation, exposure settings, and composition techniques. Through hands-on projects, students will explore portrait, landscape, and still-life photography, as well as experiment with lighting and color. They'll also gain an understanding of how photography can serve as a tool for storytelling and self-expression. The course includes basic photo editing instruction.

PUBLICATIONS PHOTOGRAPHY - HSOC415

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

The publications photography course is designed for students who have some prior experience operating a digital camera and equipment. Students must be able to work independently, be responsible for expensive camera equipment and understand the value of the equipment. Students are required to take photos during the day when they are in the class. **Students MUST take photos at one school event outside of the school day each week (weeknights or weekends) and be able to drive to the events in the community.** Students will also read photography articles and watch photography videos each week and complete the assignment that accompanies each. Responsibilities include: taking assigned photographs at events, downloading the photographs to the server in a timely manner, labeling the photographs correctly and editing photographs for the yearbook and newspaper. Out-of-class time is expected to be successful in this class.This course can be repeated.

PHYSICAL EDUCATION

*The only repeatable courses in the P.E. department are strength & fitness training.

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit/AP
Intro to Health and Physical Education	9,10,11	10	*None*		No
Fitness Training	10,11,12	5	*Intro to Health & PE*		No
Competitive PE	10,11,12	5	*Intro to Health & PE*		No
Outdoor Pursuits	11,12	5	*Intro to Health & PE*		No
Strength Enhancement	9,10,11,12	5	*None*		No
Athletic Strength Enhancement	9,10, 11,12	5	Involvement in a current NSAA sanctioned sport offered through KHS, or students with teacher approval		No
Introduction to Sports Medicine	10,11,12	5	*Health Sciences I or Anatomy/Physiology*		No
Sports Officiating	10,11,12	5	*Intro to Health & PE*		No
Lifetime Fitness	11,12	5	*Intro to Health & PE*		No
Adaptive PE Aide	11,12	5	*None*		No

INTRODUCTION TO HEALTH AND PE - HSPE101

Grade Level: 9,10,11 ; Course Credit: 10; *Prerequisite: None*

This course will emphasize that personal health and wellness is valuable in life and that its consistent study and practice will enable individuals to make choices that will positively impact their health and well-being. A combination of physical activities, fitness opportunities, and health topics and concerns will be taught and discussed. This course meets 10 of the 15 credits required for graduation and it must be taken prior to enrolling in any other Physical Education courses, with the exception of Strength Enhancement. This course is highly recommended for students in the 9th and 10th grade.

FITNESS TRAINING - HSPE120

Grade Level; 10,11,12 ; Course Credit: 5 ; *Prerequisite: Intro to Health and PE*

Fitness Training is designed to teach basic lifestyle fitness concepts and aerobic/anaerobic fitness activities which use continuous movement or exercise. This course will introduce students to fitness trends such as: Circuit Training (Body Pump), High Intensity/Cross Training (HITT), Group Fitness (Zumba, Step Aerobics, Etc.), Advanced Stretching, and Dance (Line, Swing, Trending Dances, Etc.). This course counts towards the 15 credit requirement and is a repeatable course. Off Campus Transportation is required on occasion.

COMPETITIVE PHYSICAL EDUCATION - HSPE130

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: Intro to Health and PE*

Competitive Physical Education is designed for competitors, and strives to teach basic skills in most activities considered to be of value as a leisure time experience and to make the student aware of lifestyle fitness concepts that can be used after graduation. The lifestyle fitness concepts will be taught in the classroom on an alternating basis with the lifetime sport activities. Field trips to community recreation

facilities are an optional part of this class. A fee may be charged for these optional activities, not to exceed the actual cost of the trip. This course is highly recommended for students in 11th and 12th grade. Off Campus transportation is required on occasion.

Activities May Include: Badminton, Baseball/Softball, Basketball, Hantis, Pickleball, Spikeball, Swimming, Volleyball, and other low organized activities. Possible Optional Enrichment Activities: Billiards, Bowling, Fitness Activities, Golfing, Ice skating, & Weight Lifting. This course counts towards the 15 credit requirement and **can only be taken once** during high school.

OUTDOOR PURSUITS - HSPE140

Grade Level: 11,12 ; Course Credit: 5 ; *Prerequisite: Intro to Health and PE*

Outdoor Pursuits is designed to offer students the knowledge and experience necessary to participate in a variety of outdoor activities, including but not limited to fishing, kayaking, archery, orienteering, etc. Coursework will include classroom activities, field experiences, guest speakers and video lessons. This course counts towards the 15 credit requirement and **may only be taken once** during high school. Off campus transportation is required.

STRENGTH ENHANCEMENT - HSPE200, HSPE205, HSPE210, HSPE215

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

Strength Enhancement is designed to introduce students to the principles of weight training for their overall health and wellness. Through prescribed workouts, students will discover and complete a variety of exercises that can be used throughout the lifecycle. Emphasis will be put on teaching proper technique of traditional core lifts and auxiliaries, allowing students to gain confidence in lifting. This course counts towards the five elective PE credits and is a repeatable course.
Term 1- HSPE200; Term 2-HSPE205; Term 3-HSPE210; Term 4- HSPE215

ATHLETIC STRENGTH ENHANCEMENT - HSPE251, HSPE252, HSPE253, HSPE254

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: Involvement in a current NSAA sanctioned sport offered through KHS , or students with teacher approval*

Athletic Strength Enhancement is designed for current KHS athletes. Not only will they continue using the principles of weight training, they will discover strength and conditioning principles to improve athletic performance. Through prescribed workouts, student athletes will complete traditional and olympic core lifts, as well as sport specific auxiliaries and exercises. Emphasis will be put on building strength, power and endurance to enhance overall athletic performance. This course counts towards the five elective PE credits and is a repeatable course. Term 1-HSPE251; Term 2- HSPE252; Term 3- HSPE253; Term 4 HSPE254

INTRODUCTION TO SPORTS MEDICINE - HSPE300

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: Health Sciences I or Anatomy/Physiology*

Introduction to Sports Medicine is a course developed for students interested in the sports medicine field (i.e. athletic training, sports physical therapy, orthopedic medicine). Students taking the course should possess a sincere interest in sports and athletic-related injuries. Career opportunities, terminology, anatomy, first aid, and principles of rehabilitation are just a few of the subjects covered in this course. Grading will include exams, quizzes, lab exams, and a research project.

SPORTS OFFICIATING - HSPE310

Grade Level: 10, 11,12 ; Course Credit: 5 ; *Prerequisite: Intro to Health and PE*

Sports Officiating is designed to provide students with the knowledge and experience necessary to potentially become an official in a variety of sports; including, but not limited to baseball, basketball, football, soccer, softball and volleyball. Coursework will include classroom activities, field experiences, guest speakers and video lessons. Upon successful completion of this class, students interested in employment may pursue recreational and/or NSAA certification at their own cost. This course counts towards the 15 credit requirement, **may only be taken once** during high school, and is highly recommended for students in 11th and 12th grade.

LIFETIME FITNESS - HSPE230

Grade Level: 11,12 ; Course Credit: 5 ; *Prerequisite: Intro to Health and PE*

Lifetime Fitness is designed to introduce students to activities that can be pursued for a lifetime. This course will allow students to be exposed to the following activities: Yoga/Flexibility exercises, Body Weight Exercises/Workouts, Core Workout, Free Weight Workout, Racquet Sports, Frisbee Golf, and Fitness App Exploration. *This course counts towards the 15 credit requirement. Lifetime Fitness can be used for credit recovery for PE graduation credits but it is recommended that IHPE be passed prior to enrolling in this course. Students not interested in pursuing additional PE classes are encouraged to take this course*

ADAPTIVE PHYSICAL EDUCATION AIDE - HSPE225

Grade Level: 11, 12; Course Credit: 5; Prerequisite: None

This course provides students the opportunity to work with special needs students. Understanding, patience, and dependability are necessary traits. **This class does not count toward physical education graduation credits.**

SCIENCE

All students are required to take the following science courses in the following order to meet KHS graduation requirements:

1. Intro to Physical Science
2. Biology or Honors Biology
3. Chemistry, Honors Chemistry, or Elements of Chemistry

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit/AP
Intro to Physical Science	9	10	*None*		No
Biology	10	10	*OPS or IPS*		No
Honors Biology	10	10	*Recommended IPS with a B or better*		No
Chemistry I	11,12, 10th w/admin approval	10	*IPS and Biology or Honors Biology*		No
Elements of Chemistry	11,12	10	*Honors Algebra II or Algebra II and MAP math score of 240 or ACT math score of 19*		Dual Credit CCC
Honors Chemistry	11, 12	10	*Recommended B or better in IPS*		No
AP Chemistry	11,12	10	*Chemistry I and Honors Chemistry with a B or better recommended*		Dual Credit UNK or AP Test
Physics	11,12	10	*Geometry and Algebra I*		No
AP Biology	11,12	10	*Biology or Honors Biology and Chemistry I or Honors Chemistry*		AP Test
Anatomy/Physiology	11,12	10	*Biology or Honors Biology with a C or better*		No
Microbiology	11,12	5	*Biology or Honors Biology with a C average or better*		No
Biotechnology	11,12	5	*IPS and Biology or Honors Biology*		No

INTRO TO PHYSICAL SCIENCE - HSSC105

Grade Level: 9 ; Course Credit: 10 ; *Prerequisite: None*

This hands-on course empowers students to explore the principles of motion, forces, energy, and waves, and their applications in everyday life, technology, and Earth's systems. Through investigations, collaborative problem-solving, and real-world engineering challenges, students build a deep understanding of how the physical and Earth systems interact. The course integrates Earth Science standards, allowing students to analyze natural phenomena such as seismic waves, climate dynamics, and energy transfers within the Earth system. By examining data, constructing explanations, and applying concepts to real-world phenomena, students develop critical thinking and problem-solving skills essential for academic and career success in STEM fields.

BIOLOGY - HSSC115

Grade Level: 10 ; Course Credit: 10 ; *Prerequisite: IPS*

This inquiry-based course engages students in exploring the fundamental principles of life science and Earth systems through hands-on investigations and real-world problem-solving. Students will delve into topics such as ecosystems, cellular processes, genetics, evolution, and human impacts on the environment, while also examining Earth's systems, climate interactions, and biogeochemical cycles. By integrating Earth Science standards, students gain a comprehensive understanding of how biological and Earth systems influence one another. Through collaborative experiments, data analysis, and modeling of real-world phenomena, students develop critical thinking and scientific reasoning skills essential for success in academic, professional, and environmental contexts.

HONORS BIOLOGY - HSSC120

Grade Level: 10 ; Course Credit: 10 ; *Prerequisite: Recommended B or better in IPS*

Honors biology is an advanced course that offers an in-depth exploration of the principles of biology, designed for students who demonstrate strong academic abilities and a keen interest in science. The curriculum covers core topics such as molecular biology, genetics, cell structure and function, evolution, and ecology with an emphasis on critical analysis, scientific research, and higher-level problem-solving. Students will engage in more complex laboratory experiments, independent research projects, and discussions that challenge their understanding and application of biological concepts. This rigorous course is ideal for students considering careers in science, medicine, or related fields and aims to cultivate skills in scientific thinking, data analysis, and the effective communication of biological knowledge.

CHEMISTRY I - HSSC135

Grade Level: 11,12 (10th w/administrator approval) ; Course Credit: 10; *Prerequisite: IPS and Biology or Honors Biology*

This Chemistry course engages students in exploring the structure and behavior of matter, chemical reactions, energy changes, and the interconnected roles of chemistry and Earth systems in the natural and designed world. By integrating Earth Science standards, students investigate topics such as atmospheric chemistry, the carbon cycle, and the impact of chemical processes on Earth's systems and climate. Through hands-on investigations, collaborative experiments, and real-world problem-solving, students uncover how chemical principles apply to everyday life and global challenges. By analyzing data, constructing explanations, and designing solutions, students develop critical thinking and reasoning skills vital for success in college, career readiness, and standardized assessments like the ACT. With a focus on scientific inquiry and practical applications, this course equips students with the knowledge and skills necessary for pursuing STEM careers and making informed decisions in a complex world.

ELEMENTS OF CHEMISTRY - HSSC136

Grade Level: 11,12 ; Course Credit: 10; **Dual Credit Eligible Through CCC** ; *Prerequisite: Honors Algebra II or Algebra II & MAP math score of 240 or ACT math score of 19*

Elements of Chemistry (CHEM 1050 at CCC) is a basic course designed for students with a limited background in chemistry. Principal topics include atomic and molecular structure, stoichiometry, chemical reactions, chemical bonding, solutions, gas laws, and nuclear chemistry. Some math is required for calculations within a few concepts. In the laboratory work, students will need to observe chemical phenomena, work on analysis of the results, draw logical conclusions based on theory and actual results. Experiments such as match mystery solutions, molecular modeling, analysis of unknowns, and titration, are developed by building students a solid foundation for further science exploration.
This course will develop students' critical thinking related to specific chemistry content. After taking this course, students will gain a deeper level of understanding in the chemistry world, which will prepare them to continue studies in science at the college level.The course meets the Central Community College general education core requirement. Students are encouraged to check transferability to the college they want to attend after KHS graduation. This course can be taken in place of chemistry for KHS graduation requirements.

HONORS CHEMISTRY-HSSC137

Grade level: 11, 12; Course Credit: 10; Prerequisite: *Recommended B or higher in IPS*

This Chemistry course engages students in exploring the structure and behavior of matter, chemical reactions, energy changes, and the interconnected roles of chemistry and Earth systems in the natural and designed world. By integrating Earth Science standards, students investigate topics such as atmospheric chemistry, the carbon cycle, and the impact of chemical processes on Earth's systems and climate. Through hands-on investigations, collaborative experiments, and real-world problem-solving, students uncover how chemical principles apply to everyday life and global challenges. By analyzing data, constructing explanations, and designing solutions, students develop critical thinking and reasoning skills vital for success in college, career readiness, and standardized assessments like the ACT. With a focus on scientific inquiry and practical applications, this course equips students with the knowledge and skills necessary for pursuing STEM careers and making informed decisions in a complex world.**Book Study and Independent Research Project with Poster Presentation**

AP CHEMISTRY - HSSC140

Grade Level: 11,12 ; Course Credit: 10 ; **Dual Credit Eligible through UNK**; *Prerequisite: Recommended Chemistry or Honors Chemistry with a B or better.*

AP Chemistry is a second year Chemistry course designed to mirror a general chemistry course typically taken during the first year of college. For some students, this course allows them to advance directly into second-year chemistry coursework or other disciplines requiring general chemistry as a prerequisite. For others, AP Chemistry satisfies the college laboratory science requirement, creating opportunities to explore additional courses during their college studies.

This course meets the objectives of a high-quality college general chemistry curriculum, emphasizing a deep understanding of fundamental concepts and proficiency in solving chemical problems. It also develops students' abilities to think critically and communicate ideas clearly, both orally and in writing. Compared to a standard high school chemistry course, AP Chemistry utilizes college-level textbooks, covers more advanced topics, focuses on mathematical formulations of principles, and incorporates more complex laboratory experiments. Students should expect a rigorous workload with an increased depth and breadth of topics, along with diverse and challenging laboratory experiences.

Students may earn 4 or 8 credit hours of University of Nebraska college credit for this course: Chem 160 with lab (4 credits) and Chem 161 with lab (4 credits). The AP exam for Chemistry is in May. Students should check with their prospective college to determine the score to earn credits.

MICROBIOLOGY - HSSC145

Grade Level: 11,12; Course Credit: 5 ; *Prerequisite: Biology or Honors Biology with a C average or better.*

This course is designed to introduce students to the diverse and unseen realm of microorganisms, including bacteria, viruses, fungi, and protozoa. Microbiology is a branch of biology that explores the structure, function, classification, and ecological roles of these microscopic organisms, shaping our understanding of the living world. Throughout this engaging and hands-on course, students will delve into various aspects of microbiology, gaining both theoretical knowledge and practical skills. Topics covered include microbial anatomy, physiology, genetics, and ecology. Students will learn about the significance of microorganisms in various environments, their impact on human health, and their crucial roles in biotechnology and industry. This course emphasizes critical thinking, problem-solving, and scientific inquiry. Students will have the opportunity to conduct hands-on experiments, cultivate microbial cultures, and explore the interdisciplinary nature of microbiology. By the end of the course, students will not only have a comprehensive understanding of microbiological principles but also an appreciation for the significance of microorganisms in everyday life.

PHYSICS - HSSC150

Grade Level: 11,12; Course Credit: 10 ; *Prerequisite: Geometry and Algebra I*

Physics is a course designed to build a strong foundation in the fundamental principles of physics, preparing students for advanced science coursework. Students will explore topics such as motion, forces, energy, waves, and electricity through hands-on experiments, problem-solving activities, and real-world applications. The course emphasizes the development of critical thinking and analytical skills while fostering an understanding of how physics explains everyday phenomena.
This course focuses on conceptual understanding, mathematical reasoning, and the scientific practices needed to approach complex problems. With an emphasis on inquiry-based learning, collaborative projects, and data analysis, Physics equips students with the skills and knowledge to succeed in college-level physics courses.

AP BIOLOGY - HSSC155

Grade Level: 11,12 ; Course Credit: 10; *Prerequisite: Biology or Honors Biology with B & Chemistry I or Honors Chemistry with B*

The AP Biology course is designed to provide students with a comprehensive understanding of the biological sciences, preparing them for college-level coursework in biology. Throughout the year, students will explore key themes and concepts in biology, including evolution, cellular processes, genetics, ecology, and physiology. The course emphasizes critical thinking, data analysis, and scientific inquiry, encouraging students to design experiments, analyze results, and draw conclusions based on evidence.
Key topics covered in AP Biology include:

- **Evolution and Natural Selection**: Study of the mechanisms driving evolution and the diversity of life.
- **Cell Biology**: Examination of cell structure, function, and communication, with a focus on cellular respiration, photosynthesis, and the molecular basis of life.
- **Genetics and Heredity**: Exploration of DNA structure and function, gene expression, inheritance patterns, and biotechnology.
- **Ecology**: Analysis of ecosystems, energy flow, population dynamics, and human impact on the environment.
- **Physiology and Behavior**: Understanding of the human body, plant and animal systems, and how organisms interact with their environment.

Students will engage in laboratory investigations to apply biological concepts and techniques, including experimental design, data collection, and analysis. The course also includes discussions of real-world applications of biology, helping students connect theoretical knowledge to current issues in science and society.

By the end of the course, students will be prepared to take the AP Biology exam, with the potential to earn college credit and placement in introductory biology courses. Successful completion of AP Biology provides a solid foundation for future studies in biology, medicine, environmental science, and other related fields. The AP Biology exam is administered in May. Students should check with their prospective college to determine the score to earn credits.

ANATOMY-PHYSIOLOGY - HSSC160

Grade Level: 11,12 ; Course Credit: 10 ; *Prerequisite: Biology or Honors Biology with a C or higher*

A laboratory oriented course designed to give interested students an opportunity to study human anatomy and physiology. The systems covered include the skeletal, muscular, digestive, respiratory, cardiovascular, excretory, lymphatic/immune, integumentary, reproductive, nervous, and endocrine. The fetal pig is used as the representative vertebrate. Selected physiology projects will also be included. The class is for those students who have a definite career interest in dentistry, medicine, nursing, veterinary medicine or as a

laboratory technician. This class is geared toward a college-bound student and moves at an accelerated pace.

BIOTECHNOLOGY- HSSC165

Grade Level: 11, 12; Course Credit: 5; Prerequisites: IPS and Biology or Honors Biology

In this engaging term-long course, students will explore the dynamic field of biotechnology, focusing on its applications in health, agriculture, and environmental science. Through hands-on lab experiments and inquiry-based learning, students will develop technical skills such as DNA extraction, gel electrophoresis, and polymerase chain reaction (PCR). Using the BioRad Explorer curriculum, this course emphasizes real-world problem-solving and introduces foundational concepts in molecular biology and genetic engineering. Ideal for students interested in STEM fields, this course provides a platform to understand cutting-edge biotechnological innovations and their impact on society.

SOCIAL STUDIES

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit/AP
Geography	9,10,11,12	5	*None*		No
World History	10,11,12	10	*None*		No
AP World History	10,11,12	10	*None*		Dual Credit UNK or AP Test
American History	11,12	10	*None*		No
AP American History	11,12	10	*None*		Dual Credit UNK or AP Test
Political Science	11,12	5	*None*		No
Intro to American Politics	12	10	*A or B in AP American History*		Dual Credit UNK
Sociology	10,11,12	5	*None*		No
Psychology	10,11,12	5	*None*		No
AP Human Geography	10,11,12	10	*None*		AP Test
Criminal Justice	10,11,12	5	*None*	X	No
Philosophy	10,11,12	5	*None*		No
History of the American West	11, 12	5	*None*		No

GEOGRAPHY - HSSS100

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

This required 9th grade course is offered to give students a better understanding of the general geographic locations on a world scale. The course of study will include the use of keys and legends, geographical vocabulary, latitude and longitude, climate types, resources and topographical features of our world. Also regional studies including peoples and cultures.

WORLD HISTORY - HSSS105

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: None*

World History is a required course. It covers the study of prehistory, the great civilizations of the Ancient World, the Middle ages, Renaissance and Reformation, and moves forward to today. Special attention will be paid to the rise and fall of ancient civilizations, the growth of nationalism and imperialism, and the growth of world conflicts and their long term effects.

AP WORLD HISTORY - HSSS115

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: None*

Advanced Placement World History is a survey world history course, officially beginning in 1200 and continuing through the present. Broader context will be established that reaches back into Prehistory. The course is global in nature and addresses developments and connections across all major world regions. The curriculum is outlined by the College Board, who developed the Advanced Placement program of rigorous courses for high school students. Course Themes, including: Humans and the Environment, Cultural Developments and Interactions, Governance, Economic Systems, Social Interaction and Structures, and Technology and Innovation, will guide our study of the past. Students will develop and employ Historical Thinking Skills and Reasoning Processes as they discover and explore important historical

developments. The level of difficulty is modeled upon what is typically found in an introductory college or university history course. This course is also available for dual credit through the University of Nebraska - Kearney.

AMERICAN HISTORY - HSSS120

Grade Level: 11,12 ; Course Credit: 10 ; *Prerequisite: None*

Students will construct an American historical chronology of major events from Progressivism to the Modern Era. Students will analyze and apply how cause and effect shaped historical events, as well as evaluate the similarities and differences between separate historical situations through the study of primary and secondary sources.

AP AMERICAN HISTORY - HSSS125

Grade Level: 11,12 ; Course Credit: 10 ; **Dual Credit Eligible through UNK** ; *Prerequisite: None*

AP American History is a survey of U.S. History from the English colonization period to the present. The course is designed to be more intense than the American History course and requires active participation by the students. The primary emphasis will be upon the study of political, economic, and diplomatic history and how they interrelate. Level of difficulty is approximately college freshman level. This course is also available for dual credit through the University of Nebraska - Kearney.

POLITICAL SCIENCE - HSSS130

Grade Level: 11,12 ; Course Credit: 5 ; *Prerequisite: None*

Political Science examines the structure and function of our federal government and some of the current political issues. Included in the course is a review of the U.S. Constitution, Congress, the Presidency, the federal courts and our electoral system. Current issues studied may include civil rights, racism in America, the homeless, campaign ethics and finance, the war on drugs, capital punishment, abortion, gun control, ethics in government, the federal deficit, health and environmental issues and other timely topics. Community service project is required.

INTRO TO AMERICAN POLITICS - HSSS131

Grade Level: 12 ; Course Credit: 10 ; **Dual Credit Eligible through UNK**; *Prerequisite: A or B in AP American History*

An introductory study of the Constitutional framework of American politics, and how it has evolved. Contemporary institutions and processes of the American federal democratic republic are also examined in considerable detail. This class will be offered on the campus of the University of Nebraska-Kearney. This is entirely a dual credit course. This course does count towards the graduation requirements at Kearney High School. Prerequisites: The course is open to 12th graders who received at least an A or B in Advanced Placement American History. These students can take this in place of the Political Science graduation requirement Students cannot be at KHS during scheduled ELOs.

SOCIOLOGY - HSSS140

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

Sociology is the study of society, culture, and the role of the individual in society. Some subjects covered in this course include: culture, values and norms, social stratification, minority relations, and social problems. By exposure to these topics students should gain a better understanding of their role in society.

PSYCHOLOGY - HSSS145

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

Psychology is the scientific study of behavior and mental processes. The objective of this course is to expose the student to the broad field of Psychology. Topics covered in the class will include, but are not limited to, altered states of consciousness, learning and memory, personality theory, personal development and abnormality. Students will learn how to identify mental disorders and how to generally treat them.

AP HUMAN GEOGRAPHY - HSSS155

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: None*

The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface.

Students will use and think about maps and spatial data, understand and interpret the implications of associations among phenomena in places, recognize and interpret at different scales the relationships among patterns and processes, define regions and evaluate the regionalization process, and characterize and analyze changing interconnections among places. They also learn about the methods and tools geographers use in their science and practice. This course is designed to replicate the goals, objectives and outcomes of an introductory level college or university course in human geography.

CRIMINAL JUSTICE - HSSS160

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

An overview of the history, development and philosophies for crime control and the role of law enforcement within a democratic society. Topics would include an examination of the criminal justice system with an emphasis on the police, the courts (prosecution and defense), and corrections agencies, and exposure to careers related to criminal justice.

PHILOSOPHY - HSSS165

Grade Level: 10,11,12 ; Course Credit: 5 ; *Prerequisite: None*

Philosophy will introduce students to the foundations of logic, metaphysics, epistemology, ethics, and political philosophy from the classical tradition to the works of contemporary philosophers. Students will investigate the terminology of philosophical discourse, fundamental questions in the study of philosophy, the arguments and perspectives of prominent philosophers, as well as apply philosophical thinking to their own lives and issues facing our world. Students will be expected to read, respectfully discuss, and write reflectively on source material selections, as well as develop their own philosophical positions and arguments on various course topics of study.

HISTORY OF THE AMERICAN WEST-HSSS170

Grade Level: 11, 12; Course Credit: 5 ; Prerequisite: None

This course focuses on the history of the American West. It explores the region, processes, and myths that have defined the West. In this course, we will consider Native American, European exploration, American incorporation, and political and economic changes into the 20th century. This course will also focus on local history as well as Nebraska/Plains history. Students will be expected to read, respectfully discuss, and write reflectively on source material selections.

SPECIAL EDUCATION

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit/AP
Functional Math A and B	9,10,11,12	10	*By verification*		No
Basic Skills A and B	9,10,11,12	10	*Level II By verification*		No
Life Math A and B	9,10,11,12	10	*Level III verification*		No
Reading Skills A and B	9,10,11,12	10	*Level III verification*		No
Life Rec and Leisure A and B	9,10,11,12	10	*Level III verification*		No
Life Science/ Social Studies A and B	9,10,11,12	10	*Level III verification*		No
Life Basic Skills A and B	9,10,11,12	10	*Level III verification*		No
Community Living	9,10,11,12	10	*By verification*		No
Work Study	9,10,11,12	10	*By verification*		No
PSD Study Skills T1, T2, T3, T4	9,10,11,12	5	*By verification*		No
Life Reading/Language Arts A and B	9,10,11,12	10	*By verification*		No
Learning Strategies	9,10,11,12	5	*By verification*		No
Communication Strategies	9,10,11,12	5	*By verification*		No
Adaptive Physical Education A and B	9,10,11,12	5	*By verification*		No
Math Skills A and B	9,10,11,12	10	*By verification*		No
Science Skills	9,10,11,12	10	*By verification*		No
Social Studies Skills	9,10,11,12	10	*By verification*		No
TLC (Transitional Learning Center) T1, T2, T3, T4	9,10,11,12	5	*By verification*		No
Functional Reading A and B	9,10,11,12	10	*By verification*		No
Transitional Life Skills A and B	12	10	*By verification*		No

FUNCTIONAL MATH A- HSSP101 and B- HSSP102

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: By verification*

Functional math is a class provided for any student with a verified disability as determined by the multidisciplinary team. This class is designed for those students needing instruction in the basic skills of math. It will be highly individualized to allow for a wide variety of topics that meet the needs of the students. It will focus on remediation of math skills as preparation for life after high school or as a refresher before a student goes into Algebra 1a. Class units may include basic number sense; concepts of addition and subtraction, multiplication and division; basic measurement; money skills; applied math, and basic problem solving. **Functional Math A is 10 credits during first semester and Functional Math B is 10 credits during second semester.**

BASIC SKILLS A- HSSP216 and B- HSSP217

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: By verification*

This is a course provided for any student with a verified disability as determined by the IEP team. This is a course to work on IEP goals. Topics will vary according to the needs of the students. **Basic Skills A is 10 credits offered first semester and Basic Skills B is 10 credits offered second semester.**

LIFE MATH A - HSSP151 and B - HSSP155

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: By verification*

A special course designed to provide students with significant cognitive disabilities the skills and habits associated with understanding number processes and developing basic mathematical skills. Students have the opportunity to apply the math concepts to money management situations. **Life Math A is 10 credits offered first semester and Life Math B is 10 credits offered second semester.**

LIFE READING/LANGUAGE ARTS A- HSSP156 and B- HSSP157

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: By verification*

A special course designed to provide students with significant cognitive disabilities subject matter and experience in the area of language arts, including the full range of language experiences i.e. oral, listening, reading and writing skills. This course is designed for elementary and/or secondary students whose instructional level does not exceed 8th grade. **Life Reading/Language Arts A is a 10 credit first semester class and Life Reading/Language Arts B is a 10 credit second semester class**.

LIFE REC AND LEISURE A- HSSP161and B- HSSP162

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: By verification*

A special course designed to provide the opportunity to acquire survival skills and habits necessary in daily living for students with disabilities. **Life Rec and Leisure A (HSSP161)is a 10 credits first semester class and Life Rec and Leisure B (HSSP162)is a 10 credit second semester class.**

LIFE SCIENCE/SOCIAL STUDIES A- HSSP171 and B- HSSP172

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: By verification*

A special course designed to provide students with significant cognitive disabilities subject matter and experiences in the areas of biology, physical and earth sciences. **Life Science/Social Studies A (HSSP171)is a 10 credit first semester class. Life Science/Social Studies B (HHSP 172) is a 10 credit second semester class.**

LIFE BASIC SKILLS A- HSSP167 and B-HSSP168

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: By verification*

A special course designed to provide the opportunity to acquire survival skills and habits necessary in daily living for students with disabilities. **Life Basic Skills A is 10 credits first semester and Life Basic Skills B is 10 credits second semester.**

COMMUNITY LIVING - HSSP170

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: By verification*

Community Living is a class provided for any student with a verified disability as determined by the multidisciplinary team. This class is designed to prepare students to live in the community. Skills are learned and practiced in community awareness, community mobility, eating out, dining skills, and leisure/recreation. Students will practice appropriate social skills while being involved in the community. To increase independent living skills, students will learn and practice: shopping, planning and preparing meals, weekly cleaning tasks, identification of foods and kitchen items, general kitchen skills, mealtime tasks, home safety, home maintenance, and responsibility for self.

WORK STUDY - HSSP175

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: By verification*

Work Study is a class provided for any student with a verified disability as determined by the multidisciplinary team and whose Individualized Education Plan team determines a need. Students learn actual job skills while they are completing a work experience in the community. Work behaviors are practiced daily while on the job. Skills include: punctuality, appropriate appearance, polite manner, appropriate attitude towards work, following instructions, interacting appropriately with supervisors and co-workers, finishing assigned tasks, working without supervision, using break time appropriately, and observing safety measures.

PSD STUDY SKILLS - HSSP181, HSSP182, HSSP183, HSSP184

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: By verification*

Students who are or have been enrolled in the Personal Skills Development (PSD) program or who need academic assistance and study skills instructions will benefit from this class. Students receive assistance with their academic classes and work on IEP goals. Emphasis is placed on learning and applying personal, behavioral, and study skills as they relate to success in the school setting. Direct instruction focuses on organization, study habits, and classroom participation. The IEP team determines placement in this class. Alternative curriculum can be offered for a variety of student needs. **PSD Study Skills is divided into the following 5 credit term courses:**
T1- HSSP181; T2-HSSP182; T3-HSSP183; T4-HSSP184

READING SKILLS- A-HSSP201 & B-HSSP202

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: By verification*

Reading Skills is a class provided for any student with a verified disability whose Individualized Education Plan team determines a need for this course as evidenced by prior assessment results. Diagnostic and benchmark assessments are used to monitor student progress. Students will improve their basic skills in reading, spelling, and writing. A multi-sensory approach to learning will be used. **Reading Skills A (HSSP201)is a 10 credit first semester class. Reading Skills B (HHSP202) is a 10 credit second semester class.**

LEARNING STRATEGIES - HSSP210, HSSP211, HSSP212, HSSP213

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: By verification*

Learning Strategies is a class provided for any student with a verified disability as determined by the multidisciplinary team. Students receive assistance in academic classes, work on goals that address their needs, & begin developing transition skills.
Term 1- HSSP210 ; Term 2-HSSP211 ; Term 3-HSSP212 ; Term 4-HSSP213

COMMUNICATION STRATEGIES - HSSP220, HSSP221, HSSP222, HSSP223

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: By verification*

Communication Strategies is a class provided for any student with a verified disability as determined by the multidisciplinary team. Students receive assistance in their academic classes and work on goals that address the areas of language, communication, hearing and fluency.
Term 1- HSSP220 ; Term 2-HSSP221 ; Term 3-HSSP222 ; Term 4-HSSP223

ADAPTIVE PHYSICAL EDUCATION A - HSPE260 and B - HSPE265

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: By verification*

Adaptive Physical Education is a class provided for any student with a verified disability as determined by the multidisciplinary team and provided the team agrees that this class is the least restrictive environment for each individual student as stated in their IEP. This program is designed to maintain and develop a functional level of health-related fitness to meet the physical limitations of each student through muscular strength and development, cardiovascular exercise, and possible water exercise. Adaptive Physical Education A (HSPE260) is a 5 credit first semester class. Adaptive Physical Education B (HSPE265) is a 5 credit second semester class.

MATH SKILLS - A-HSSP246 & B-HSSP247

Grade Level: 9,10,11,12; Course Credit: 10 ; *Prerequisite: By verification*

Math Skills is a class provided for any student with a verified disability whose Individualized Education Plan team determines a need for this course. This is an introductory course in math. Topics will vary according to the needs of the students and will include basic knowledge of math skills. **Math Skills A (HSSP246) is a 10 credit first semester class. Math Skills B (HHSP202) is a 10 credit second semester class.**

SCIENCE SKILLS - HSSP250

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: By verification*

Science Skills is a class provided for any student with a verified disability whose Individualized Education Plan team determines a need for this course. This is an introductory course in science. Topics will vary according to the needs of the students and will include basic knowledge of science skills.

SOCIAL STUDIES SKILLS - HSSP255

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: By verification*

Social Studies Skills is a class provided for any student with a verified disability whose Individualized Education Plan team determines a need for this course. This is an introductory course in social studies. Topics will vary according to the needs of the students and will include basic knowledge of the city, state, country and world around us.

TLC (TRANSITIONAL LEARNING CENTER) - T1- HSSP261; T2- HSSP262; T3- HSSP263; T4- HSSP264

Grade Level: 9,10,11,12 ; Course Credit: 5 ; *Prerequisite: By verification*

The Transitional Learning Center is provided for any student with a verified disability as determined by the multidisciplinary team and whose Individualized Education Plan team determines a need. The Transitional Learning Center incorporates individualized and small group instruction to encourage students to expand and develop their communication skills, social skills, academic skills and independent living skills.

Placement in this class is determined by the IEP team. Placement can range from 1 to 5 blocks per day.
TLC is divided into the following 5 credit term courses:
TLC T1 (HSSP261), TLC T2 (HSSP262), TLC T3 (HSSP263), TLC T4 (HSSP264)

FUNCTIONAL READING A- HSSP271and B - HSSP272

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: By verification*

Functional Reading is a skill building and study skills course designed for students who need more practice with reading and/or writing as evidenced by prior assessment results and literacy abilities demonstrated during previous courses. This course uses best practices in building reading and writing skills based on individual student needs. Diagnostic and benchmark assessments are used to monitor student progress. Lessons are designed to build skills in reading and writing so that students can successfully complete the Literacy Enrichment I curriculum and gain strategies and skills needed for future success. A minimum SRI score is required to test out of the course. Add: Course does not meet university admission requirements.
Functional Reading A is 10 credits first semester and Functional Reading B is 10 credits second semester.

Transitional Life Skills A and B - HSSP146 and HSSP147

Grade Level: 12 ; Course Credit: 10 ; *Prerequisite: By verification*

WORLD LANGUAGES

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit/AP
Spanish I	9,10,11,12	10	*Enrolled in English I-IV or completed Literacy Enrichment I*		No
Spanish II	9,10,11,12	10	*Spanish I*		No
Spanish III	9,10,11,12	10	*Spanish II*		No
Spanish IV	10,11,12	10	*Spanish III*		No
AP Spanish	10, 11, 12	10	*Spanish IV*		UNK dual credit or AP Test
German I	9,10,11,12	10	*Enrolled in English I-IV or completed Literacy Enrichment I*		No
German II	9, 10,11,12	10	*German I*		No

SPANISH I - HSWL100

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: Enrolled in English I-IV or completed Literacy Enrichment I*

An integrated, hands-on curriculum is used to introduce vocabulary and sentence structure necessary in developing communication skills. Thematic units in Spanish I include topics of describing themselves and their friends, school, food, leisure activities, family and parties, house, and shopping for clothes. Students will demonstrate beginning level skills in speaking, writing, reading and listening in the Spanish language. Students will compare and contrast cultures in the Spanish-speaking world.

SPANISH II - HSWL105

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: Spanish I*

An integrated hands-on curriculum is used to introduce vocabulary and sentence structure necessary in developing communication skills. Thematic units include daily routines, foods, celebrations, healthy living, technology and city living. Students will demonstrate novice level skills speaking, writing, reading and listening in the Spanish language. Students will compare and contrast cultures in the Spanish-speaking world.

SPANISH III - HSWL110

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: Spanish II*

An integrated, hands-on curriculum is used to introduce vocabulary and sentence structure necessary in developing communication skills. The emphasis of Spanish III is placed on comprehension, speaking, reading, writing, and the study of culture in depth. Thematic units include outdoor activities, the fine arts, healthy living, friends and family, getting a job and careers of the future. Students will demonstrate intermediate low level skills in speaking, writing, reading and listening in the Spanish language. Students will compare and contrast cultures in the Spanish-speaking world.

SPANISH IV - HSWL115

Grade Level: 10,11,12 ; Course Credit: 10 ; *Prerequisite: Spanish III*

Reintegration of grammar concepts learned in Spanish I-III. Students continue to expand their language learning, cultural understanding, speaking, reading, and writing abilities. Units include: Friends and family, home and chores, pastimes and interests, childhood activities, and food and travel. Students will demonstrate intermediate mid level skills in speaking, writing, reading and listening in the Spanish language. Students will compare and contrast cultures in the Spanish-speaking world.

AP SPANISH - HSWL120

Grade Level: 10,11,12 ; Course Credit: 10 ; **Dual Credit Eligible** ; *Prerequisite: Spanish IV*

AP Spanish Language and Culture is a rigorous course designed to expand students' linguistic and cultural knowledge to depths that are comparable to those of a mid-level college course. Students will be working in three modes of communication at the intermediate-high and pre-advanced levels, which allows students to learn through the language about the main themes of Beauty and Aesthetics, Personal and Public Identities, Families and Communities, Contemporary Life, Global Challenges, and Science and Technology. This provides a rich learning environment that fosters the true acquisition and life-long appreciation of the Spanish language and culture.

GERMAN I - HSWL300

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: Enrolled in English I-IV or completed Literacy Enrichment I*

An integrated, hands-on curriculum is used to introduce vocabulary and sentence structure necessary in developing communication skills. Thematic units include school schedules, activities, and classroom items, ordinal numbers, frequency words, pastimes and leisure activities, places around town, adjectives, families and celebrations, food and restaurant, leisure activities, and sports. Students will demonstrate beginning level skills in speaking, writing, reading and listening in the German language. Students will compare and contrast cultures in the German-speaking world.

GERMAN II - HSWL305

Grade Level: 9,10,11,12 ; Course Credit: 10 ; *Prerequisite: German I*

An integrated hands-on curriculum is used to introduce vocabulary and sentence structure necessary in developing communication skills. Thematic units include clothing, shopping, traveling & vacation, parties and celebrations, electronics and technology and parts of a house and household chores. Students will demonstrate novice level skills in speaking, writing, reading and listening in the German language. Students will compare and contrast cultures in the German-speaking world.

ADDITIONAL COURSES

Study Hall-HSACT071, HSACT072, HSACT073, HSACT074

Grade level: 9, 10, 11, 12; Course Credit: 0; Prerequisite: None

You may sign up for one study hall per term. Each will take up 5 credits' space on your schedule. However, this is a non-credit bearing class and will not count towards your credits on your transcript.

WIN (WHAT I NEED) - HSACT045, HSACT046, HSACT047, HSACT048

Grade Level: 9,10,11,12 ; Course Credit: 0; *Prerequisite: MTSS Process*

WIN is an intervention class for those students referred through the MTSS process or who have a 504 Plan. HSACT045 WIN Term 1, HSACT046 WIN Term 2, HSACT047 WIN Term 3, HSACT048 WIN Term 4

FLEX SCHEDULE BLOCK 1 or BLOCK 5 - HSAD110, HSAD11, HSAD112, HSAD120, HSAD121, HSAD123

Grade Level: 12 ; Course Credit: 0; *Prerequisite: Seniors only*

Seniors can request one Flex Schedule Block either first block or fifth block. This can be requested for the year or by the semester the student needs a Flex. Flex cannot be combined with WIN on a schedule. Students must have earned at least 150 credits and be on track for graduation by the end of term two of the junior year. Students cannot be in the building or on school property during the block of Flex.

BLOCK 1:

HSAD110 Flex Schedule Block 1 20

HSAD111 Flex Schedule Block 1 Semester 1 10

HSAD112 Flex Schedule Block 1 Semester 2 10

BLOCK 5:

HSAD120 Flex Schedule Block 5 20

HSAD 121 Flex Schedule Block 5 Semester 1 10

HSAD123 Flex Schedule Block 5 Semester 2 10

ACT PREP- HSAD201, HSAD202, HSAD203

Grade Level: 11, 12; Course Credit: 5, *Prerequisite: None*

The ACT Prep course will emphasize test-taking strategies in math, language, reading and science reasoning, as well as writing across the curriculum. ACT-trained core teachers will guide students in a review process that will focus on the five ACT subtests (English, math, reading, science and writing) on a rotational basis (every three weeks). The goal is to increase a student's subtest and composite scores not to re-teach content. The course will be graded as pass or fail as the students' intrinsic dedication to test-taking strategies, information retrieval and memory techniques should benefit those committed to awareness and improvement as the student prepares for a four-year post-secondary education.

WORK BASED LEARNING AND ELO EXPERIENCES

Students cannot be in the building or on school property during scheduled ELOs. Students are required to attend BT.

Course Name	Grade Level	Credit	*Prerequisite*	Career Tech	Dual Credit/AP
Bearcat Design Project	11,12	5	*Graphic Design II*	X	No
Cooperative Education	11,12	1.25	*Requires completed application/approval after registration and 15 credits of any career tech courses*		No
Online Career Education	11,12	varies	*15 credits of any career and tech courses*		No
Certified Nursing Assistant	11,12	10	*None*		Dual credit CCC
Intro to American Politics	11, 12	10	*AP American History*		Dual credit UNK
Occupational Math	11, 12	10	*Basic Geometry or Geometry*		Dual credit CCC
College Algebra	11, 12	10	*Algebra II*		Dual credit CCC
Elements of Chemistry	11,12	10	*Honors Algebra II or Algebra II and Map Math score of 240 or ACT Math score of 19*		Dual credit CCC
Teaching in a Democratic Society	11,12	10	*Best Practices in Education*	X	Dual credit UNK
Foundations of Early Childhood	11, 12	10	*Best Practices in Education or Best Practices in Early Childhood*	X	Dual credit UNK
Literacy Methods for Preschool	11, 12	10	*Foundations of Early Childhood*	X	Dual credit UNK
Supporting Young Children	11, 12	10	*Foundations of Early Childhood*	X	Dual credit UNK
Curriculum for Children 0-8	11, 12	10	*Foundations of Early Childhood*	X	Dual credit UNK
Early College	11,12	NO HS Credit	*Requires completed application/approval*		No
School-Based Experience	11,12	5	*Requires teacher recommendation, application, and 15 credits in related career courses*	X	No

BEARCAT DESIGN PROJECT - HSWK115, HSWK116, HSWK117, HSWK118

Grade Level: 11,12 ; Course Credit: 5; *Prerequisite: Graphic Design II*

Bearcat Design Project is an internship for students who have completed and excelled in Graphic Design I and II. Students will work with clients in our school and community to create visual pieces to fit client needs. Students must have great communication skills, professionalism and work ethic. This class includes designing print pieces as well as screen printed materials.
Term 1- HSWK115, Term 2-HSWK116, Term 3-HSWK117, Term 4-HSWK118
Students must have required courses to be in this class.

COOPERATIVE EDUCATION - HSWK100

Grade Level: 11,12 ; Course Credit: 1.25 ; *Prerequisite: 15 credits of any career tech courses & completed application after registration*

This is a paid part-time job with high school credit. Approved students must maintain part-time employment. A teacher will be assigned to monitor their work status. Students must work at least 10 hours during the school day per week and submit a Weekly Attendance Form to verify their work hours. Students will also complete weekly reflections on workplace topics and a semester final assignment. **Juniors and Seniors only.**

ONLINE CAREER EDUCATION - HSWK140

Grade Level: 11,12 ; Course Credit: Varies ; *Prerequisite: 15 credits of any career and tech courses*

Students will enroll in an elective career and technical education course through Edgunity. Courses are intended to be an extension of the programs offered at Kearney High. Students can take Online Career Education a maximum of 2 terms. Course work will be graded by the KHS staff member assigned to the course. Juniors and seniors only. Students cannot be at KHS during scheduled ELOs.

Students will choose from this list of courses.

CERTIFIED NURSING ASSISTANT - HSFC225

Grade Level: 11,12 ; Course Credit: 10 ; **Dual Credit through CCC** ; *Prerequisite: None*

This course is a dual credit course offered on the Central Community College campus. **Students will pay CCC tuition.**

INTRO TO AMERICAN POLITICS - HSSS131

Grade Level: 12 ; Course Credit: 5 ; **Dual Credit Eligible through UNK**; *Prerequisite: A or B in AP American History*

This course is dual credit through UNK. See Social Studies page for complete course description. Students are responsible for paying tuition.

OCCUPATIONAL MATH - HSMA144

Grade Level: 11,12 ; Course Credit: 10 ; **Dual Credit Eligible through CCC** ; *Prerequisite: Basic Geometry or Geometry*

This course is dual credit through CCC. See Math page for complete course description. Students are responsible for paying tuition.

COLLEGE ALGEBRA - HSMA146

Grade Level: 11,12 ; Course Credit: 10 ; **Dual Credit Eligible CCC** ; *Prerequisite: Geometry & Algebra II*

This course is dual credit through CCC. See Math page for complete course description. Students are responsible for paying tuition.

TEACHING IN A DEMOCRATIC SOCIETY- HSFC182

Grade Level: 11,12 ; Course Credit: 10 ; **Dual Credit Eligible UNK;** *Prerequisite: Best Practices in Education*

This course is dual credit through UNK. See Family Consumer Science page for complete course description. Students are responsible for paying tuition.

FOUNDATIONS OF EARLY CHILDHOOD-HSFC186

Grade Level: 11-12; Course Credit: 10; **Dual Credit Eligible through UNK**; Prerequisite: Best Practices in Education or Best Practices in Early Childhood

Students will gain insight for the value and benefits of early childhood services, issues and trends, the profession, and career options. Students will become familiar with a wide variety of services, settings, curriculum models, and the application of developmentally appropriate practices across ages birth to eight. This course is taught at UNK at TE241.

SUPPORTING YOUNG CHILDREN -HSFC187

Grave Level: 11-12; Course Credit: 10; **Dual Credit Eligible through UNK**; Prerequisite: Best Practices in Education or Best Practices in Early Childhood

Students will examine their beliefs and practices for supporting young children through family and community systems, utilizing a wide array of case studies for discussion that sensitively address diverse family structures, strengths, and needs. Students will build their knowledge, skills, and dispositions for supporting family and community engagement. This course is taught at UNK as TE249.

LITERACY METHODS FOR PRESCHOOL-HSFC188

Grade Level: 11-12; Course Credit: 10; **Dual Credit Eligible through UNK**; Prerequisite: Foundations of Early Childhood

This course will prepare students to understand, assess, and support preschool children's oral and written language development. Students will learn to evaluate and create literacy-rich environments and emergent literacy strategies to enhance oral language, pre-reading, and early writing for preschool children. This course is taught at UNK as TE242.

CURRICULUM FOR BIRTH-8-HSFC189

Grade Level: 11-12; Course Credit: 10; **Dual Credit Eligible through UNK**: Prerequisite: Foundations of Early Childhood

This course is designed to provide students with the experiential knowledge and practical skills necessary to develop and implement developmentally appropriate curricular materials and instructional strategies in the areas of math, science, and social studies for children birth to eight. This course is taught at UNK as TE248.

ELEMENTS OF CHEMISTRY - HSSC136

Grade Level: 11,12 ; Course Credit: 10; *Prerequisite: Honors Algebra II or Algebra II & MAP math score of 240 or ACT math score of 19*

This course is dual credit through CCC. See Science page for complete course description. Students are responsible for paying tuition.

EARLY COLLEGE - HSWK120

Grade Level: 11, 12 ; Course Credit: **NO KHS CREDIT** ; *Prerequisite: Requires completed application approval*

Students may complete early college entry when they complete the application for undergraduate admission to a college. They will be responsible for all application and fee requirements. Classes may be taken at a college of the student's choice. The student must show the enrollment to his or her counselor. Students may get up to two blocks off for a semester class. **The early college class cannot conflict with Bearcat Time.** Students are responsible for paying tuition. Students cannot be at KHS during scheduled ELOs.

SCHOOL-BASED EXPERIENCE- HSWK170

Grade Level: 11, 12 ; Course Credit: 5 ; *Prerequisite: Requires completed application or teacher recommendation and 15 credits in a related career field*

School-Based Experiences are work-based learning experiences within Kearney High School and supervised by Kearney High School teachers. These are project oriented activities that directly connect to job tasks found in the world of work. Openings for school-based experiences will be advertised through announcements or announced within related classes for students to discuss opportunities with supervising teacher(s) and/or complete an application. Previous school-based experiences have included print shop workers for Bearcat Design and inventory management for concession stands.

VERIFIED INTERNSHIPS

Students **must** complete the application process to be considered for an internship. Please consult the Internship Guidebook for descriptions of each internship. Review the Career Clusters and Programs of Study in the Course Description Guide.

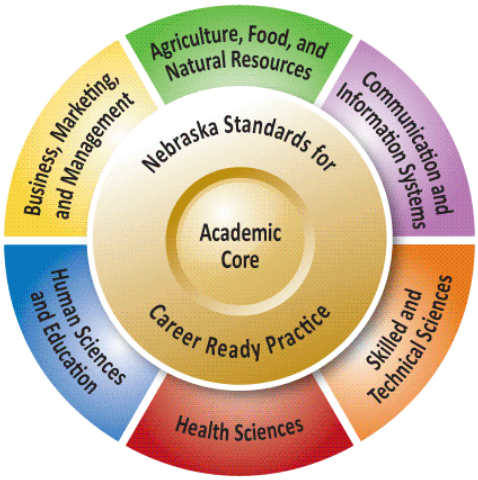
COURSE NUMBER	INTERNSHIP NAME	CREDIT
HSWK105	HEALTH SCIENCE INTERNSHIP *Prerequisite: 15 credits in the Health Science career field*	2.5
HSWK110	ARTS/AV/COMM INTERNSHIP *Prerequisite: 15 credits in Arts/AV/Communication*	2.5
HSWK125	ED AND TRAINING INTERNSHIP *Prerequisite: 15 credits in Human Science & Education*	2.5
HSWK150	MARKETING INTERNSHIP *Prerequisite: 15 credits in Business and Marketing career field*	2.5
HSWK155	BUSINESS INTERNSHIP *Prerequisite: 15 credits in Business and Marketing career field*	2.5
HSWK160	AG INTERNSHIP *Prerequisite: 15 credits in Agriculture career field*	2.5
HSWK165	SKILLED AND TECH INTERNSHIP *Prerequisite: 15 credits in Skilled and Technical Sciences*	2.5
HSWK175	CULINARY ARTS INTERNSHIP *Prerequisite: 15 credits in Culinary Arts*	2.5

Kearney High's Career Education Model

"A career ready person capitalizes on personal strengths, talents, education and experiences to bring value to the workplace and the community through his/her performance, skill, diligence, ethics and responsible behavior."

Purpose

At Kearney High School, we have developed an intentional and supportive educational model that delivers robust career education to all of our students. This model includes appropriately assessing student strengths, and career interests, through the use of a variety of assessment tools. This information is gathered and used by both students and staff to advise students on meaningful course selections and completions of programs of study. Our model also includes opportunities for contextualized learning, tailored career exploration and application experiences. It is our goal to provide highly skilled students that can transition seamlessly from high school to college, tech school, or the workforce with certification needed to meet community and industry demands.



Kearney High School Career Education Framework

The goal of our model is to guide students towards one or more of the 6 career fields for further exploration and focused career education. At the core is a rigorous group of core courses included in the Core Academy. These prepare students for both high school graduation and any post-secondary plans that they may have. Students will focus on these cores during the 9th and 10th grade year as they explore themselves, potential career options, and post-secondary plans.

Students are matched with a Career Field that best fits their interests and abilities. The career fields provide ways for students to explore the diversity of career options available to them and to begin to prepare for their career with plans for secondary and postsecondary education

Programs of Study

Students can choose a more specific program of study within that career field. The specific course of study is known as a program of study. Educational programs of study are designed to give students choices that make learning more relevant for each individual learner. The focus of a program of study is to create a sequence of courses that is both relevant and interesting to individual students and their educational and career goals. Through the understanding and analysis of their assessment results, students will be able to select multiple programs of study that aligns with their individual educational interests and future plans and will allow them to explore multiple career areas.

Work Based Learning Experiences

Work-Based Learning Experiences are a fundamental piece of career education at Kearney High School. The mission of work-based learning is to connect the classroom and the community to create experiences for students to use and apply their academic and career education knowledge and skills in the real world.

These opportunities maximize student interests, strengths and career aspirations.

Work based learning provides students with a meaningful experience in the workplace while still in high school. These activities can take many different forms. They range from career awareness and exploration to work site learning experiences that involve active student participation in the workplace. Examples include: Job Shadows, Field Trips, Verified Internships, and Supervised work Experience. For a more detailed look at opportunities available refer to the Extended Learning Academy descriptions.

State Recognized Programs of Study Offered at KHS

Agriculture, Food and Natural Resources

Agriculture Cluster

This diverse Career Cluster prepares learners for careers in the planning, implementation, production, management, processing and/or marketing of agricultural commodities and services, including food, fiber, wood products, natural resources, horticulture, and other plant and animal products. It also includes related professional, technical, and educational services.

Students preparing for a career in the Agriculture, Food, and Natural Resources Career Cluster have a variety of postsecondary options. Education and training can be obtained through on-the-job training, technical colleges, two-year community colleges, four-year colleges/ universities, and apprenticeship programs. They can enter programs leading to a certificate or a degree at the associate, baccalaureate, or advanced degree level.

Program of Study	Courses Offered at KHS			Capstone Experiences
Animal Science	Intro to Ag	Animal Science	Vet Science or Large Animal Management	*Supervised Ag Experience*
Plant Science	Intro to Ag	Plant Science	Floriculture	*Supervised Ag Experience*
Environmental & Natural Resources	Intro to Ag	Natural Resources	Wildlife Management	*Supervised Ag Experience*

Career & Technical Student Organization (CTSO) / Activities
FFA *Supervised Ag Experiences if students participate in FFA

BUSINESS, MARKETING & MANAGEMENT

Business Administration Cluster

This Cluster includes those career opportunities that are dedicated to performing administrative managerial processes vital to the success and ongoing existence of a business organization, regardless of the sector or industry in which the business resides or the product/service it provides.

Students preparing for a career in the Business Management and Administration Career Cluster have a variety of postsecondary options. Education and training can be obtained through on-the-job training, technical colleges, two-year community colleges, four year colleges/ universities, and apprenticeship programs. They can enter programs leading to a certificate or a degree at the associate, baccalaureate, or advanced degree level.

Program of Study	Courses Offered at KHS			Capstone Experiences
Accounting	Introduction to Business or Introduction to Personal Finance	Accounting IA AND Accounting IB	Accounting IIA AND Accounting IIB	Verified Internship
Entrepreneurship	Introduction to Business or Marketing	Accounting IA or Marketing IIA & IIB	Entrepreneurship	Verified Internship
Management	Introduction to Business	Marketing IIA & IIB or Business Law	Management and Leadership	Verified Internship

Finance Cluster

This Cluster includes career opportunities that relate to making strategic decisions to obtain, save, protect, and grow the financial assets of businesses and individuals. Individuals working in finance must have strong computation, analytical, and interpersonal skills.

Students preparing for a career in the Finance Career Cluster have a variety of postsecondary options. Education and training can be obtained through on-the-job training, technical colleges, two-year community colleges, four-year colleges/universities, and apprenticeship programs. They can enter programs leading to a certificate or a degree at the associate, baccalaureate, or advanced degree level.

Program of Study	Courses Offered at KHS			Capstone Experiences
Finance	Introduction to Business or Intro to Personal Finance or Personal Finance or ↻ Personal Financial Planning	Accounting IA	Economics	Verified Internship

Marketing Cluster

The Marketing Career Cluster prepares learners for careers in planning, managing and performing marketing activities to reach organizational objectives.

Students preparing for a career in the Marketing Career Cluster have a variety of postsecondary options. Education and training can be obtained through on-the job training, technical colleges, two-year community colleges, four-year colleges/universities, and apprenticeship programs. They can enter programs leading to a certificate or a degree at the associate, baccalaureate, or advanced degree level.

Program of Study	Courses Offered at KHS			Capstone Experiences
Marketing	Marketing	Marketing IIA	Marketing IIB	Bearcat Corner Or Marketing Internship

Hospitality and Tourism Cluster

This Career Cluster prepares learners for careers in the management, marketing, and operations of restaurants and other food services, lodging, attractions, recreation events, and travel-related services.

Students preparing for a career in the Hospitality and Tourism Career Cluster have a variety of postsecondary options. Education and training can be obtained through on-the-job training, technical colleges, two-year community colleges, four-year colleges/universities, and apprenticeship programs. They can enter programs leading to a certificate or a degree at the associate, baccalaureate, or advanced degree level.

Program of Study	Courses Offered at KHS			Capstone Experiences
Hospitality and Event Planning	Hospitality and Tourism	Marketing IIA & IIB	↻ Entrepreneurship	Verified Internship
***Culinary Arts**	Foods I	Foods II	Culinary Arts	Verified Internship

Career & Technical Student Organization (CTSO) / Organizations
FBLA, DECA, FCCLA Bearcat Corner Athletic Event Concessions

COMMUNICATIONS & INFORMATION SYSTEMS

A/V Technology and Communication

This cluster offers two different avenues of concentration. Careers in the Performing Arts, Visual Arts, or certain aspects of Journalism, Broadcasting, and Film require creative talents. Careers in Audio-Video Communications Technology, Telecommunications, or Printing Technology require strong backgrounds in computer and electronic based technology, and a solid foundation in math and science. Communicating effectively in both oral and written form is essential for all careers in the cluster. In addition, the creative aspects of this cluster are rapidly merging with the technological, offering exciting and challenging careers.

Students preparing for a career in the Arts, Audio-Video Technology and Communications Career Cluster have a variety of postsecondary options. Education and training can be obtained through on-the-job training, technical colleges, two-year community colleges, four-year colleges/universities, and apprenticeship programs. They can enter programs leading to a certificate or a degree at the associate, baccalaureate, or advanced degree level.

Program of Study	Courses Offered at KHS			Capstone Experiences
Broadcast Journalism	Intro to Media	Media Pro I	Media Pro II or Web Page Design	Bearcat Vision
Digital Design	Intro to Media	Graphic Design I	Graphic Design II or Web Page Design	Bearcat Design
Digital Design (Visual Arts) (KHS)	Graphic Design I	Graphic Design II	Graphic Design III	Bearcat Design

Information Technology Cluster

Information Technology careers involve the design, development, support, and management of hardware, software, multimedia, and systems integration services. The IT industry is a dynamic and entrepreneurial working environment that has a revolutionary impact on the economy and society. IT education can be obtained in four-year colleges, two-year community colleges, technical colleges and institutes, and high schools.

Students preparing for a career in the Information Technology Career Cluster have a variety of postsecondary options. Education and training can be obtained through on-the-job training, technical colleges, two-year community colleges, four-year colleges/universities, and apprenticeship programs. They can enter programs leading to a certificate or a degree at the associate, baccalaureate, or advanced degree level.

Program of Study	Courses Offered at KHS			Capstone Experiences
***Business Technology**	Info Tech A AND 🔁 Info Tech B	Graphic Design I	Web Page Design	Verified Internship
Computer Science	Foundations of Computing	AP Computer Science Principles	AP Computer Science A	Verified Internship

Student Organizations (SO)
Echo (Magazine) LOG (Yearbook) Publication Photography Striv TV

HEALTH SCIENCES

Health Sciences Cluster

This cluster orients students to careers that promote health, wellness, and diagnosis as well as treat injuries and diseases. Some of the careers involve working directly with people, while others involve research into diseases or collecting and formatting data and information. Work locations are varied and may be in hospitals, medical or dental offices or laboratories, cruise ships, medevac units, sports arenas, space centers, or within the community.

Students preparing for a career in the Health Science Career Cluster have a variety of postsecondary options. Education and training can be obtained through on-the-job training, technical colleges, two-year community colleges, four-year colleges/universities, and apprenticeship programs. They can enter programs leading to a certificate or a degree at the associate, baccalaureate, or advanced degree level.

Program of Study	Courses Offered at KHS			Capstone Experiences
Health Science	Health Sciences I	Health Sciences II or Medical Terminology or Anatomy Physiology	🔁 Certified Nursing Asst at CCC Or Health Sciences III	Verified Internship
Life Span Performance	Health Sciences I	Anatomy Physiology or	Intro to Sports Medicine	Verified Internship

		Medical Terminology or Nutrition in the Life Cycle		

Career & Technical Student Organization (CTSO)
HOSA

HUMAN SCIENCES AND EDUCATION

Human Services Cluster

This Cluster prepares students for careers that improve quality of life and promotes safe, healthy communities. Workers in human services better our lives by tending to our psychological, social, and physical needs. Social service organizations that help individuals with basic needs, such as housing, health, and nutrition constitute a large component of this cluster.

Students preparing for a career in the Human Services Career Cluster have a variety of postsecondary options. They can enter programs leading to a certificate or a degree at the associate, baccalaureate, or advanced degree level.

Program of Study	Courses Offered at KHS			Capstone Experiences
Child, Youth and Family Studies	Human Growth and Development and Intro to Human Sciences/FCS	Child Development or Parenting Decisions	Relationships	Verified Internship
Design	Intro to Design	Clothing or Fashion Design or Interior Design	🔁 Entrepreneurship	Verified Internship

Education and Training Cluster

This cluster prepares for careers in providing, supporting, and managing the education and training of millions of learners. It encompasses ages from preschool through adults; varies from informal to formal settings; and provides for the skills necessary for initial entrance as well as updating skills to advance within the job or train for a different one.

Students preparing for a career in the Education and Training Career Cluster have a variety of postsecondary options. They can enter programs leading to a certificate or a degree at the associate, baccalaureate, or advanced degree level.

Program of Study	Courses Offered at KHS			Capstone Experiences
Education and Training	Teaching as a Profession AND Human Growth and Development	Best Practices in Education	Field Experience in Education	🔁 Teaching in a Democratic Society (UNK) or Verified Internship
Early Childhood Education	Human Sciences and Education OR Human Growth and Development	Child Development AND Best Practices in Early Childhood Education	Field Experience in Education	🔁 Teaching in a Democratic Society (UNK) or Verified Internship UNK Dual Credit Fall offerings (Pre-Req: Best Practices) TE241, TE249 Spring offerings (Pre-Req: TE241): TE242, TE248

Students preparing for a career in the Education and Training Career Cluster or Early Childhood Education cluster have a variety of postsecondary options. They can enter programs leading to a certificate or a degree at the associate, baccalaureate, or advanced degree level.

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FCCLA (Family, Career, Community Leaders of America) Educators Rising

SKILLED AND TECHNICAL SCIENCES

Architecture and Construction Cluster

This diverse Career Cluster prepares learners for careers in designing, planning, managing, building, and maintaining the built environment. People employed in this cluster work on new structures, restorations, additions, alterations, and repairs.

Students preparing for a career in the Architecture and Construction Career Cluster have a variety of postsecondary options. Education and training can be obtained through on-the-job training, technical colleges, two-year community colleges, four-year colleges/universities, and apprenticeship programs. They can enter programs leading to a certificate or a degree at the associate, baccalaureate, or advanced degree level.

Program of Study	Courses Offered at KHS			Capstone Experiences
Construction	Woods	Advanced Woods	Construction Technology	Construction Technology

Transportation, Distribution and Logistics Cluster

This Cluster exposes students to careers and businesses involved in the planning, management, and movement of people, materials, and products by road, air, rail, and water.

Students preparing for a career in the Transportation, Distribution, and Logistics Career Cluster have a variety of postsecondary options. Education and training can be obtained through on-the-job training, technical colleges, two-year community colleges, four-year colleges/ universities, and apprenticeship programs. They can enter programs leading to a certificate or a degree at the associate, baccalaureate, or advanced degree level.

Program of Study	Courses Offered at KHS			Capstone Experiences
Transportation, Distribution and Logistics-Technician	Transportation I	Transportation II	Transportation III	Verified Internship

Manufacturing Cluster

Despite improvements in production technology and rising imports, manufacturing employment is expected to increase slightly as strong demand continues for high-tech electrical goods and pharmaceuticals. Between 2002 and 2012, pharmaceutical and medicine manufacturing employment is expected to increase by 68,000 jobs, plastics and rubber products manufacturing by 138,000 jobs, machinery manufacturing by 120,000 jobs, and a 97,000 projected job growth for fabricated metal product manufacturing.

Students preparing for a career in the Manufacturing Career Cluster have a variety of postsecondary options. Education and training can be obtained through on-the- job training, technical colleges, two-year community colleges, four-year colleges/universities, and apprenticeship programs. They can enter programs leading to a certificate or a degree at the associate, baccalaureate, or advanced degree level.

Program of Study	Courses Offered at KHS			Capstone Experiences
Welding	Intro to Metals Or Welding Processes	Production Welding I or Blueprint Reading	Production Welding II	Verified Internship
Manufacturing	Woods	Advanced Woods	Mechatronics I	Verified Internship

Energy and Engineering Cluster

A career in Science, Technology, Engineering, or Mathematics is exciting, challenging, and ever-changing. Learners who pursue this cluster will be involved in planning, managing, and providing scientific research and professional and technical services including laboratory and testing services, and research and development services.

Students preparing for a career in the Science, Technology, Engineering, and Mathematics Career Cluster have a variety of postsecondary options. Education and training can be obtained through on-the-job training, technical colleges, two-year community colleges, four-year colleges/universities, and apprenticeship programs. They can enter programs leading to a certificate or a degree at the associate, baccalaureate, or advanced degree level.

Program of Study	Courses Offered at KHS	Capstone Experiences

PLTW	PLTW Principles or Engineering **or** PLTW Intro to Engineering Design	PLTW Engineering Essentials	PLTW Engineering Design & Dev	Verified Internship

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