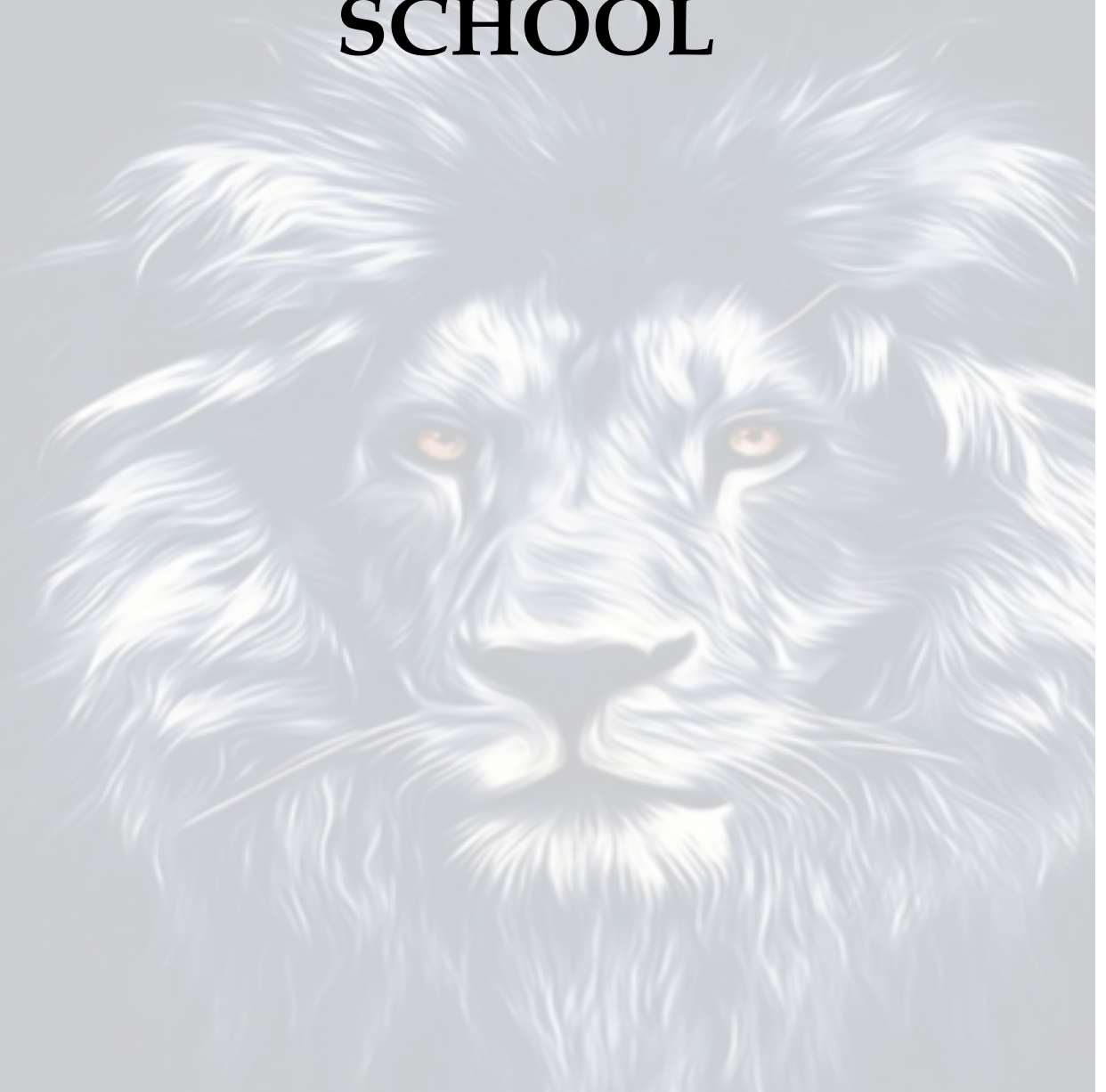


**LANSING HIGH
SCHOOL**



**COURSE BOOK
2021-2022**

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Non-Discrimination Notice

USD #469 Lansing does not discriminate on the basis of race, color, national origin, sex, disability, age or religion, in the admission or access to, treatment, or employment in any of its programs or activities. The Superintendent of Schools, 200 East Mary St. Lansing, Kansas 66043, (913) 727-1100, has been designated to coordinate compliance with nondiscrimination requirements contained in the Title VI of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1990. Any person who believes he or she has been discriminated against may file a complaint with the superintendent of schools.

LANSING GRADUATION REQUIREMENTS

MINIMUM REQUIREMENTS:

Twenty-three (23) units of credit must be earned in grades 9 - 12.

One half credit is earned when a student passes a class that meets every day for the entire semester.

Required credits:

Course Area	Credits	Notes:
English/Language Arts (ELA)	4.0 credits	
Mathematics	3.0 credits	Students must obtain 1.0 credit of Geometry and 2.0 credits of any elective Math Class.
Social Sciences	3.5 credits	Students must obtain 1.0 credit of American History, 0.5 credit of American Government, and 2.0 credits of any elective social studies class.
Science	3.0 credits	Students must obtain 1.0 credit of Biology, 1.0 credit in the Physical Sciences, and 1.0 credit of any elective science class.
Physical Education & Health	1. credit	1 semester of General PE and 1 semester of Health
Oral Communications	0.5 credit	Skills in Communication, Competitive Debate, Competitive Speech & Drama
Computer (for class of 2021, 2022 & 2023)	0.5 credit	Business Essentials
Career Tech Ed. (starting with the class of 2024)	0.5 credit	The following classes meet the Career Tech Ed requirement: Business Essentials, Intro to Agriculture, Drafting, Intro to Woodworking, Career Life Planning, Intro to Engineering, Intro to Coding, Intro to Law, Public Safety & Security
Fine Arts	1.0 credit	The following classes meet the fine arts requirement: Introduction to Drama, Acting, Tech Theatre, Repertory Theatre, Graphic Design I, II, Photo Imaging, Broadcasting, A/V Fundamentals, Video Production, any vocal music, instrumental music, History of Popular Music, Music It's Entertainment, Music in the Media & Cinema, Art Appreciation, Intro to Drawing, 2-D Art, Art Portfolio; Debate, and/ or Competitive Speech & Drama can be counted if Oral Communications credit has been fulfilled.
Electives	6.5 credits	
Total	23 credits	

KANSAS BOARD OF REGENTS QUALIFIED ADMISSIONS REQUIREMENTS

The admissions requirements for the five Kansas Board of Regents Universities (Pittsburg State University, Wichita State University, Emporia State University, and Fort Hays State University) for students graduating from an accredited Kansas high school are as follows:

The applicant has completed the pre-college curriculum prescribed by the Board of Regents with a minimum (unweighted) grade point average of 2.0 AND has achieved one of the following:
<ul style="list-style-type: none"> • ACT score of 21 or higher OR
<ul style="list-style-type: none"> • SAT score of 980 or higher OR
<ul style="list-style-type: none"> • Graduate in the top one-third of their class AND achieve a 2.0 GPA or higher on any college credit taken in high school

Kansas State University General Admission Requirements

Kansas residents graduating from accredited high schools:

To qualify for admission to KU as a freshman, students graduating from an accredited high school in Kansas must submit a completed application and meet one of the following requirements:

<ul style="list-style-type: none"> • 3.25 or higher cumulative GPA OR
<ul style="list-style-type: none"> • ACT score of 21 or higher (1060 SAT)
An admissions review committee will review, on a case-by-case basis, the applications of students who do not meet the above criteria.

University of Kansas General Admission Requirements

Kansas residents graduating from accredited high schools:

To qualify for admission to KU as a freshman, students graduating from an accredited high school in Kansas must submit a completed application with the \$30 fee and meet one of the following requirements:

<ul style="list-style-type: none"> • 3.4 or higher cumulative GPA on a 4.0 scale. NO test required OR
<ul style="list-style-type: none"> • 3.0 or higher cumulative GPA AND 24+ACT (1090+ SAT) OR
<ul style="list-style-type: none"> • 3.25 or higher cumulative GPA AND 21+ ACT (980+ SAT)
General requirements for admission into the College of Liberal Arts & Sciences. All SAT scores are math and critical reading only. An admissions review committee will review, on a case-by-case basis, the applications of students who do not meet the above criteria.

Kansas Board of Regents Pre-college Curriculum

4 units of English	LHS approved courses: English 9, English 9 Enrichment, English 10, English 10 Enrichment, English 11, AP Language & Composition, Sr. Literature, Sr. Composition, AP Literature & Composition
Math	Option A: 3 of the following AND an ACT Math score of 22—Algebra I, Algebra II, Geometry, Pre-Calculus, and/or AP Calculus Option B: 4 of the following with one being in the senior year—Algebra I, Algebra II, Geometry, Pre-Calculus, and/or AP Calculus
3 units of Science	One full unit must be either Chemistry OR Physics
3 units of Social Science	1 unit of World History, 1 unit of Am. History, ½ unit of Am. Government & ½ unit of the following: Psychology, Sociology, or Geography
3 units of Electives	3 approved units from the following: Fine Arts, Computer/Information Systems, Debate (fall), Debate (spring), Journalism, Foreign Languages, and/or extra classes from math, science, English and social sciences

Curriculum for KS State Scholar:

English 4 years	One unit to be taken each year
Math 4 years	Algebra I, Algebra II, Geometry, and one unit of advanced math—suggested courses include: Trigonometry, Adv. Algebra, Probability & Statistics, Functions or Calculus
Science 3 years	One year each in Biology, Chemistry, & Physics
Social Studies	One unit of American History; minimum of one-half unit of U.S. Government and minimum of one-half unit selected from: World History, World Geography or International Relations; and one unit selected from: Psychology, Economics, U.S. Government, U.S. History, Current Socials Issues, Sociology, Anthropology, and Race and Ethnic Group Relations.
World Language	Two years of one language. Latin & Sign Language are accepted

CLASSIFICATION OF STUDENTS

Upon entering Lansing High School, each student will be academically classified according to the following criteria:

Freshman	Less than 5 units of credit
Sophomore	5 but less than 10.5 units of credit
Junior	10.5 but less than 16.5
Senior	16.5 or more units of credit

Grading Scale:

the following letter grades are used for grade reporting

A	100%-90.0%
B	89.9%-80.0%
C	79.9%-70%
D	69.9%-60%
F	59.9% and below

CUMULATIVE GRADE POINT AVERAGE (GPA)

The Grade Point Average (GPA) is cumulative for all four years of high school. All courses receiving letter grades for the semester are included in determining GPA. (Driver's Education, high school assistants including library and office and lunchroom, and courses and grade situations that do not fit properly with the LHS curriculum, are not used in determining GPA.) GPA is calculated on a 4.0 scale. Weighted GPA is computed by averaging all grades on the 4.0 scale and adding extra value for merit courses with passing grades. Weighted GPA is used to determine graduation honors.

MERIT COURSES

Students taking classes designated as merit courses will receive added points. This added value will determine the students weighted grade point average (WGPA) and it will have no effect on their cumulative GPA. Weighted GPA is used to calculate graduation honors. Merit courses are open to all interested students provided they meet the prerequisites but are not required for graduation. Merit courses include:

AP Lang. & Comp (2 sem.)	AP Lit. & Comp. (2 sem.)	Pre-Calculus (2 sem.)	AP Calculus (2 sem.)
AP Statistics (2 sem.)	AP Physics (2 sem.)	AP Biology (2 sem.)	AP Chemistry (2 sem.)
AP US History (2 sem.)	AP Govt. & Politics (1 sem.)	AP European Hist. (2 sem.)	College Algebra (2 sem.)

Note: Accelerated and/or honors courses taken at other high schools will be judged individually by LHS officials as to merit status. The LHS decision will be final.

AP COURSES

Advanced Placement

All AP courses meet the strict requirements set for by College Board and each have an exam that can be taken to earn college credit. These exams are in May and students must sign up for them in the Fall. Students must also pay the exam fee in order to take the exam. The exam is administered at a specific date and time determined by College Board and it is a one-time only testing window. Information is given during all AP courses as to the specifics of sign up, payment, and date and time of exam.

NATIONAL HONOR SOCIETY

To be selected for the Lansing Chapter of the National Honor Society, a student must first have a 3.5 grade point average at the end of the first semester of their sophomore year. Students must then complete an informational form listing their activities relative to their character, leadership, and service. This information, along with faculty evaluations and other records will be used to select the students to admitted to the organization.

VOCATIONAL TECHNOLOGY OPPORTUNITIES

LHS students may attend Kansas City Kansas Area Vo-Tech School in Kansas City, Kansas or the Pioneer Career Center their junior or senior year. This opportunity is ideal for students seeking training in the service and technical job skill areas. Prerequisites for attendance include having successfully completed all LHS courses that are relevant to the student's job choice and being on track to complete the high school required courses. Students must attend LHS at least one class period each semester. KCK TEC and the Pioneer Career Center have minimum requirements in certain subject areas to qualify for specific areas of study. Students must apply. Students are responsible for their own transportation to and from KCK TEC and must meet the attendance policy at LHS. The Lansing School District can provide transportation to the Pioneer Career Center. Placement testing is required by KCK TEC. The students must work off both the LHS and KCK TEC calendar. If the calendars do not match on vacation days, the student must attend KCK TEC and LHS classes when they are in session.

NCAA ACADEMIC ELIGIBILITY

DIVISION I: To be eligible to compete in NCAA sports during your first year at a Division I school, you must graduate high school and meet **ALL** the following requirements:

Complete 16 core courses-ONLY core courses that appear on the high school's list of NCAA courses on the NCAA Eligibility Center's website (http://www.eligibilitycenter.org) will be used to calculate your core-course GPA.	<ul style="list-style-type: none"> • 4 years of English • 3 years of math (Algebra I or higher) • 2 years of natural/physical science (including 1 yr. of lab science) • 1 additional year of English, math or natural/physical science • 2 years of social science • 4 additional years of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy
Complete 10 core courses	<ul style="list-style-type: none"> • 7 of these must be in English, math, or natural/physical science, BEFORE your 7th semester. Once you begin your 7th semester, you may not repeat or replace any of those 10 courses to improve your core-course GPA
Earn at least a 2.3 GPA in your core courses	
Earn an SAT combined score OR ACT sum score matching your core-course GPA on the Division I sliding scale, which balances your test score and core course GPA. If you have a low-test score, you need a higher core-course GPA to be eligible. If you have a low core-course GPA, you need a higher test score to be eligible.	http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/DI_ReqsFactSheet.pdf
When registering for the SAT or ACT	Use the NCAA Eligibility Center code 9999 to send score directly to the eligibility center
Register with the NCAA Eligibility Center	http://www.eligibilitycenter.org

DIVISION II: College-bound student-athletes enrolling at an NCAA Division II school need to meet these academic requirements to practice, compete and receive an athletic scholarship in their first year of full-time enrollment.

Complete 16 core courses-ONLY core courses that appear on the high school's list of NCAA courses on the NCAA Eligibility Center's website (http://www.eligibilitycenter.org) will be used to calculate your core-course GPA.	<ul style="list-style-type: none"> • 3 years of English • 2 years of math (Algebra I or higher) • 2 years of natural/physical science (including 1 yr. of lab science) • 3 additional year of English, math or natural/physical science • 2 years of social science • 4 additional years of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy
Earn at least a 2.2 GPA in your core courses	
Earn an SAT combined score OR ACT sum score matching your core-course GPA on the Division II full qualifier sliding scale, which balances your test score and core course GPA. If you have a low-test score, you need a higher core-course GPA to be eligible. If you have a low core-course GPA, you need a higher test score to be eligible.	http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/DII_ReqsFactSheet.pdf
When registering for the SAT or ACT	Use the NCAA Eligibility Center code 9999 to send score directly to the eligibility center
Register with the NCAA Eligibility Center	http://www.eligibilitycenter.org

Oral Communications

Graduation Requirements:	½ unit Any of the department courses will fulfill this requirement
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SKILLS IN COMMUNICATION

Length	1 Semester
Grade(s)	9/10/11/12
Prerequisites	None
Summer Work	None
Additional requirements	None
Description: This course is designed to equip freshmen with essential oral communication skills necessary for success in a variety of speaking situations. Students will present several performances during the semester. Presentations will include editorial commentary (focused on credibility, perspective, and authenticity), interview, research-based argumentation and oration, and team investigations and reports. Coursework will address media responses (movies, television, or theatre), interpersonal skills for school and work, and building confidence within performance.	

COMPETITIVE DEBATE (Novice-1st year & Advanced)

Length	1 Semester (Fall)
Grade(s)	9/10/11/12
Fee Description	\$50 activity fee; \$40 Novice supply fee, \$25 Advanced supply fee; one time \$20 NSDA membership fee that is valid through the student's high school career. If a student pays this fee in Debate, they do not need to pay it again in Competitive Speech & Drama
Prerequisites	Novice-None, Advanced-successful completion of Novice Debate
Summer Work	None
Additional requirements	All students must meet KSHSAA requirements, as well as the district 2.0 policy. Students must be passing all classes in order to compete.
Course Video/Flyer	https://www.youtube.com/watch?v=A-ce6gSSsM&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=25
Description: Students will develop skills in research (focused on credibility, perspective, and authenticity), organization, structure, argumentation, logic, cross-examination, presentation, note taking and public speaking. Students will apply these skills in class and interscholastic debate competition. After school and independent practice is expected, and a great deal of self-motivation is required. Interscholastic competition is a class requirement. Tournaments are held on Fridays and Saturdays. Advanced students are required to attend a minimum of five tournaments and Novice members a minimum of three tournaments. The semester ends before the season is concluded. Students must understand that to finish the season in good standing, they must complete their responsibilities at regional and state tournaments held in January. Students taking Debate are strongly encouraged to enroll in Forensics. In addition, students are required to do fund raising and participate in hosting the Lansing Invitational Debate tournament, including recruitment of judges. Students may take debate and/or forensics more than one year.	

COMPETITIVE SPEECH & DRAMA (Forensics) (Novice-1st year & Advanced)

Length	1 Semester (Spring)
Grade(s)	9/10/11/12
Fee Description	\$50 activity fee; \$25 supply fee, one-time \$20 NSDA membership fee that is valid through the student's high school career. If a student pays this fee in Debate, they do not need to pay it again in Competitive Speech & Drama
Prerequisites	Novice-None, Advanced-successful completion of Novice Forensics
Summer Work	None
Additional requirements	All students must meet KSHSAA requirements, as well as the district 2.0 policy. Students must be passing all classes in order to compete.
Course Video/Flyer	https://www.youtube.com/watch?v=MIH_g7OTJrE&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=26
Description: Students will prepare and perform individual speech and drama events in the following areas: original oratory (focused on credibility, perspective, and authenticity), informative speaking, extemporaneous speaking, dramatic and humorous interpretation, duo acting, impromptu speaking, poetry and prose interpretation, student congress, Lincoln Douglas Debate and Public Forum Debate. Interscholastic competition is required. Tournaments are held on Fridays and Saturdays and students are required to attend a minimum of five tournaments if the student is advanced and three if they are novice (first year). In addition, students are required to do fund raising and participate in hosting the Lansing Invitational Forensics tournament, including recruitment of judges. Students may take debate and/or forensics more than one year.	

English/Language Arts (ELA) Department

Graduation Requirements:	4 units: English 9, English 10, English 11 OR AP Lang. & Comp., and Senior Comp. and Senior Literature OR AP Literature & Comp.
Board of Regents College Preparatory Curriculum:	4 units of English/Language Arts
Notes:	Students must take one unit per year in the following order: English 9, 10, 11, Senior Composition, and Senior Literature (or their equivalent Enrichment and AP counterparts)

ENGLISH 9

Length	1 Year
Grade(s)	9
Fee Description	None
Prerequisites	None
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a

Description: Freshman English is a basic course in writing and literature intended to prepare students for success in all content areas. Analysis of literature will include the short story, novel, poetry, essay, memoir, and drama. Grammar will be incorporated and taught within the writing and vocabulary components. Students will have assignments that are designed to build their skills in vocabulary, research, note taking, listening, and speaking.

ENGLISH 9 ENRICHMENT

Length	1 Year
Grade(s)	9
Fee Description	None
Prerequisites	None
Summer Work	Assigned Reading
Additional requirements	None
Course Video/Flyer	n/a

Description: English Enrichment courses are designed to build higher order reading, writing, speaking, and listening skills necessary for college and Advanced Placement studies. Students will encounter a variety of literature types including drama, poetry, film, novels, and non-fiction and learn how to analyze the styles, themes, and rhetorical methods included in each piece. Students will be expected to complete reading and writing tasks independently on a regular basis. Homework assignments may be extensive and rigorous. Some homework assignments may involve working in groups with other students. Writing and projects will focus on analysis, interpretation, metacognition, investigation, and research. Students are expected to demonstrate skill in writing through exploring ideas, considering multiple strategies, and revising their own work. Students may write on a daily basis, and extended writing assignments will be given regularly.

ENGLISH 10

Length	1 Year
Grade(s)	10
Fee Description	None
Prerequisites	9 th grade ELA credit
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a

Description: The first semester of this course is aimed at a proficiency in basic English writing skills. Analysis of literature will include the short story, novel, poetry, essay, memoir, and drama. Students will also study vocabulary and creative writing. As sophomores, students will experience an increase in amount and level of homework.

ENGLISH 10 ENRICHMENT

Length	1 Year
Grade(s)	10
Fee Description	None
Prerequisites	9 th grade ELA credit
Summer Work	Assigned Reading
Additional requirements	None
Course Video/Flyer	n/a

Description: English Enrichment courses are designed to higher order build reading, writing, speaking, and listening skills necessary for college and Advanced Placement studies. Students will encounter a variety of literature types including drama, poetry, film, novels, and non-fiction and will learn how to analyze the styles, themes, and rhetorical methods included in each piece. Students will be expected to complete reading and writing tasks independently on a regular basis. Homework assignments may be extensive and rigorous. Some homework assignments may involve working in groups with other students. Writing and projects will focus on argument, synthesis, analysis, persuasion, and problem solving. Students are expected to demonstrate skill in writing through exploring ideas, considering multiple strategies, and revising their own work. Students may write on a daily basis, and extended writing assignments will be given regularly.

ENGLISH 11

Length	1 Year
Grade(s)	11
Fee Description	None
Prerequisites	9 th & 10 th grade ELA credit
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a

Description: English 11 is a course in literature and composition which will emphasize college and career readiness. Literature will focus on works of American Literature including short stories, novels, poetry, essays, speeches, drama, and historical documents. Students will study both academic and content-related vocabulary. Class discussion in the form of Socratic Seminar and small group discussions will meet the requirements for speaking and listening. Grammar and mechanics will be included in the practice of vocabulary and process driven writing.

AP LANGUAGE & COMPOSITION (Merit Course and 3 dual credit hours through Donnelly College-Comp. I)

Length	1 Year
Grade(s)	11
Fee Description	None
Prerequisites	2 completed ELA credits for juniors, and 3 completed ELA credits for seniors
Summer Work	Assigned reading
Additional requirements	None
Course Video/Flyer	https://www.youtube.com/watch?v=tnk7PxNY6CI&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=18

Description: An AP English Language and Composition course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The course guides students in becoming curious, critical, and responsive readers of diverse texts and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. The reading and writing students do in the course should deepen and expand their understanding of how written language functions rhetorically: to communicate writers' intentions and elicit readers' responses in particular situations. Students will be expected to complete reading and writing tasks independently on a regular basis.

SENIOR LITERATURE

Length	1 Semester
Grade(s)	12
Fee Description	None
Prerequisites	11 th grade ELA credit or concurrently enrolled with faulty approval following one semester of English 11
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Description: This course will utilize an exploratory format in order to study literature from select genres: fairy tale, multicultural Mythology, Dystopia, and a Shakespearean play. This course will allow for student choice in selecting specific titles within the genres. Students will be expected to read to set goals, reflect, and analyze the themes in various works, and students will be required to participate in literature circles and Socratic seminars to demonstrate and further their learning. This required course is one-half semester in length and will fulfill senior English credits.	

SENIOR COMPOSITION

Length	1 Semester
Grade(s)	12
Fee Description	None
Prerequisites	11 th grade ELA credit
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Description: This course will focus on the 21st Century analytical writing skills students will need once they graduate to include place-based narrative, social-justice expository, and a student-choice argumentative portfolio. It will also focus on 21st Century Communication skills. Students will write pieces based on contemporary informational texts and media-based pieces that connect to students' lives and will impact the choices they make moving forward in either college or career. Students will be expected to create and deliver presentations using various kinds of media. This required course is one-half semester in length and will fulfill senior English credits.	

AP LANGUAGE & COMPOSITION (Merit Course and 3 dual credit hours through Donnelly College-Comp. II)

Length	1 Year
Grade(s)	12
Fee Description	None
Prerequisites	11 th grade ELA credit
Summer Work	Assigned reading
Additional requirements	None
Course Video/Flyer	https://www.youtube.com/watch?v=kiw6R6b2HtY&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=17
Description: In the AP English Literature and Composition course, students devote themselves to the study of literary works written in—or translated into—English. Careful reading and critical analysis of such works of fiction, drama, and poetry, selected locally by responsible educators, provide rich opportunities for students to develop an appreciation of ways literature reflects and comments on a range of experiences, institutions, and social structures. Students will examine the choices literary writers make and the techniques they utilize to achieve purposes and generate meanings. Students will be expected to complete reading and writing work outside of the class for the most part.	

WRITING FOR TECHNICAL CAREERS

Length	1 Semester
Grade(s)	12
Fee Description	None
Prerequisites	Concurrent enrollment in a Vocational Technical program through Pioneer Career Center or KCKCC Technical Center and counselor recommendation
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Description: Writing for Technical Careers is a semester-long course taken concurrently with vocational-technical programs at KCKCC Pioneer Career Center; a senior student who completes both the course and one semester of a technical career program will earn one ELA credit towards graduation. Curriculum is organized to enhance the communication and literacy one would face in the technical career workplace and technical career program of study. Students enrolled in specified programs at KCKCC Pioneer Career Center are enrolled in Writing for Technical Careers. Embedded curriculum helps prepare students for life after high school by providing real-world application of English skills in the student's area of career choice as a collaborative effort of their high school English instructor with their career program instructor. Learning focuses on technical reading and writing, teamwork skills, pre-employment skills, content vocabulary, and effective workplace communication.	

Writing Courses

Notes:	These courses are elective credits. They will NOT count for ELA graduation credit
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CREATIVE WRITING

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Description: Students will write every day in order to explore different writing techniques and styles. Writing skills will be developed through pre-writing, editing, re-writing, conferencing, and critiquing. Students will examine different styles of writing to include poetry, fiction, creative non-fiction, graphic writing, and drama. Students will read and discuss model texts by a variety of successful authors in order to learn about and experiment with new techniques. Students must be willing to share their work with peers and take critique in order to create creative writing portfolios.	

CREATIVE WRITING WORKSHOP

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Creative Writing. Can be taken multiple times with instructor approval
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Description: This course will build upon the skills that are acquired in Creative Writing. Students will work independently and cooperatively on creative writing portfolios for publication and college admissions. Students will be heavily involved in the process of collecting, scoring, and publishing student work for Paw Prints, the LHS literary magazine. Students must be willing to share their work with peers and will be expected to seek publication through the school's literary magazine or exterior publications. Students will research successful authors and may be expected to communicate with authors or collaborate with guest speakers. Creative Writing Workshop may be taken more than once.	

Mathematics Department

Graduation Requirements:	3 units (1 unit must be Geometry)
Board of Regents College Preparatory Curriculum:	3 units: Algebra I, Geometry, and Algebra II or higher
Notes:	Recommended course flow: Algebra I, Geometry, Algebra II, Fourth-Year Math class (Business Math/College Algebra/Pre-Calculus/AP Calculus/AP Statistics) If planning on attending post-secondary education, four years of math is recommended.

ALGEBRA I

Length	1 Year
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Description: This course covers the foundations of algebra as a mathematical tool to solve problems. It includes using properties and number systems, solving one and multi-step equations/inequalities, interpreting, building, and graphing relations/functions, graphing and writing linear/quadratic equations, solving systems of equations/inequalities, factoring polynomials, and descriptive statistics (summarize, represent and interpret data on two categorical or quantitative variables). Daily Homework must be completed for success in this class. Scientific calculators are highly recommended. Students will complete hands-on lab exercises and projects as directed.	

GEOMETRY

Length	1 Year
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Successful completion of Algebra I
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Description: This course covers the definitions, postulates, theorems, and constructions of Euclidean geometry, Units include lines and angles, triangles, quadrilaterals, circles, surface area and volume, transformations, and classifying on the coordinate plane. Students start each unit learning the relevant postulates, theorems and constructions of Euclidean geometry and use them to solve problems, determine congruence or similarity, reason and write proofs. Daily review of definitions, postulates, theorems and completion of daily practice is required for success in this class. Scientific calculators are highly recommended. Students will complete hands-on lab exercises and projects as directed.	

ALGEBRA II

Length	1 Year
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Successful completion of Algebra I
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Description: This course builds on the foundations covered in Algebra I and includes increased coverage of advanced topics by examining radical, polynomial, rational, exponential, and logarithmic functions in great depth. Within each function, students will be able to complete operations, analyze graphs, solve equations, and apply the knowledge to real-life situations. Additional topics include linear programming, complex number system and matrices. Daily practice must be completed for success in this class. Students are highly recommended to have a graphing calculator (TI-83+, or TI-84). Students will complete hands-on lab exercises and projects as directed.	

BUSINESS MATH

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Algebra I & Geometry
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Description: This course is designed to prepare the student for proficiency in the daily activities of a consumer of goods and services, including personal record-keeping. It includes understanding and applying concepts of personal income, personal banking, consumer credit, buying a car, operating expenses, and travel; calculating costs of renting, buying, and building a home; determining and evaluating options for taxes, insurance, and investments; and examining consumer purchasing budgeting. The course will emphasize practical application of math concepts and everyday living. Daily homework must be completed for success in this class. Several projects are assigned.	

COLLEGE ALGEBRA (Merit Course & 3 dual credit hours through Donnelly College-MT 130)

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Algebra II & Geometry
Summer Work	None
Additional requirements	Math placement score is required for dual credit through Donnelly College
Course Video/Flyer	n/a
Description: This course is designed to meet the requirements of college level Algebra. Topics include the study of functions and their graphs. Students will analyze and graph functions, including linear, quadratic, absolute value, general polynomial, exponential, logarithmic, rational, and radical functions. Also included are systems of linear equations and inequalities, complex numbers, matrices, discrete mathematics and the theory of higher degree equations. Nightly homework must be completed for success in this class. Students are highly recommended to have a graphing calculator (TI-83+ or TI-84).	

PRE-CALCULUS (Merit Course & 5 dual credit hours through Donnelly College-MT 133)

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Algebra II & Geometry
Summer Work	None
Additional requirements	Math placement score is required for dual credit through Donnelly College
Course Video/Flyer	n/a
Description: The course is designed to meet the requirements of college level Pre-Calculus and Trigonometry. Topics include the study of functions, their graphs and application of linear, quadratic, absolute value, general polynomial, logarithmic, rational, radical, inverses, composites, trigonometric functions, analytic trigonometry, vectors, parametric equations and polar equations, systems and matrices and discrete mathematics. Nightly homework must be completed for success in this class. Students are highly recommended to have a graphing calculator (TI-83+ or TI-84).	

AP STATISTICS (Merit Course & 3 dual credit hours through Donnelly College-MT 121)

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Algebra II & Geometry
Summer Work	None
Additional requirements	Math placement score is required for dual credit through Donnelly College
Course Video/Flyer	n/a

Description: This course is designed to meet the requirements of college level Statistics and AP Statistics. Topics include applications involving descriptive statistics, inferential statistics, measures of central tendency and variation, graphic representation of statistics data, discrete and continuous probability distributions, sampling techniques, and hypothesis testing. Nightly homework must be completed for success in this class. Students are highly recommended to have a graphing calculator (TI-83+ or TI-84). Student may take the AP Statistics test in May. Students will complete hands-on labs exercises and projects as directed.

AP CALCULUS (Merit Course & 5 dual credit hours through Donnelly College-MT 231)

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Algebra II, Geometry & Pre-Calculus
Summer Work	None
Additional requirements	Math placement score is required for dual credit through Donnelly College
Course Video/Flyer	n/a

Description: The course is designed to exceed the requirements of college level Calculus I and AP Calculus AB. Topics include review of functions (linear, quadratic, polynomial, exponential, logarithmic, trigonometric, and parametric equations), limits, continuity, derivatives, applications of derivatives, the definite integral, differential equations and integrals, Hospital's Rule, improper integrals, and partial fractions. Nightly homework must be completed for success in this class. Students are highly recommended to have a graphing calculator (TI-83+ or TI-84). Students may take the AP Calculus AB test in May.

Science Department

Graduation Requirements:	3 units (1 unit must be Biology)
Board of Regents College Preparatory Curriculum:	3 units consisting of the following: Physical Science (1 year), Biology/Biology Enrichment (1 year), Chemistry/Chemistry Enrichment (1 year), AP Chemistry (1 year), Physics, AP Biology, Anatomy & Physiology, Human Body Systems, +Earth Science A, +Earth Science G, +Environmental Science A, +Environmental Science B and +Forensic Science
Notes:	+ indicates semester courses, so a combination of 2 of these would be needed to make a full credit

PHYSICAL SCIENCE

Length	1 Year
Grade(s)	9/10
Fee Description	None
Prerequisites	None
Summer Work	None
Additional requirements	Scientific calculator
Course Video/Flyer	n/a
Description: This course covers the chemical makeup of matter and the physical laws that govern it. Students perform laboratory investigations to enhance their understanding of chemistry, as well as motion, light, sound, and electromagnetism. This course is required for all freshmen. Technical reading and writing is an integral part of the course. Students are expected to complete daily reading and homework. Students perform hands on laboratory experiments and complete written lab reports as assigned. They will conduct research on various science topics and prepare formal reports. Group projects are completed throughout the course.	

BIOLOGY

Length	1 Year
Grade(s)	9/10
Fee Description	None
Prerequisites	Successful completion of Physical Science
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Pathway	Health Science Pathway: Introductory level
Description: Biology is a yearlong course that covers, but not limited to the following – Into to Biology, Taxonomy, Evolution, Cytology, Cell Transport, Energy Processes and Cell Growth, Cell Reproduction, Genetics, Diversity and Behavior of Organisms and Ecology. The students will experience an increase in the level and amount required. Much of the material will be assigned to read outside of class.	

BIOLOGY ENRICHMENT

Length	1 Year
Grade(s)	9/10
Fee Description	None
Prerequisites	Successful completion of Physical Science
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Pathway	Health Science Pathway: Introductory level
Description: Biology Enrichment is a year-long course recommended for those who want a more challenging/rigorous course than would be offered in Biology I. While it will cover the same material, it will go into greater depth and detail with the addition of chemical, physical and earth science topics where appropriate. It is designed to guide students in the investigation of all aspects of living organisms and prepare students for a smoother transition into the Advanced Placement and/or College Biology courses. Extensive studies will include the following topics: ecology, cell structure, plant and animal systems, organic and biochemical systems, genetics, and plant/animal evolution. Material will be presented in a number of formats, including practical labs, projects, and presentations. Students should plan on homework or reading at least 2-3 days a week. There will also be 25-30 labs scheduled for the year and will require some preparation by the students beforehand.	

ENVIRONMENTAL SCIENCE A

Length	1 Semester
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Biology and Physical Science
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Pathway	Natural Resources Management Pathway: Technical Level
Description:	This course will be an integrated curriculum class. This class is a mix of in class and in the field work. We will be outside in the "environment" for many of our labs and class discussions. Topics covered will include ecosystems and how they work, biogeochemical cycles, population, agriculture, water and air pollution, pesticides, solid waste management, alternative energy sources, and a variety of other topics that deal with actions of man on the environment. There will be some research outside the classroom required.

ENVIRONMENTAL SCIENCE B

Length	1 Semester
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Biology and Physical Science
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Pathway	Natural Resources Management Pathway: Technical Level
Description:	Environmental Science B is the next in a series of classes in the environmental pathway. Students that take Environmental B will be using skills they obtained in Environmental A and applying them through the semester. This class is largely project based where students will operate and maintain an Aquaponics system involving life fish and assorted vegetable plants. In addition, students will grow and maintain an assortment of plants throughout the semester. Students will also have one-two large projects outdoors that could range from population studies, environmental improvement, agriculture, ecotourism, etc.

ENVIRONMENTAL RESOURCES AND WILDLIFE SCIENCES

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Environmental Science A & B
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Pathway	Natural Resources Management Pathway: Application Level
Description:	Environmental Resources and Wildlife Sciences is the next in the capstone class in the environmental pathway. Students that take the course will be using skills they obtained in Environmental A & B and applying them through the year. This class is largely project based where students will work largely cooperatively with each other to complete a variety of projects that involve GPS systems, wildlife management, population studies, environmental pollution prevention methods, harvesting aquatic, wildlife, and plant species, conservation strategies, and a number of other topics related to wildlife science. In addition, students will operate and maintain a set of trail cameras on the school properties. Pictures obtained from the cameras will be utilized for population studies and share with patrons in the school district and KDWP.

CHEMISTRY

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Successful completion of Physical Science & Algebra I
Summer Work	None
Additional requirements	Scientific calculator
Course Video/Flyer	n/a
Pathway	Health Science Pathway: Introductory level
Description: Chemistry is an introductory course intended to give college-bound students knowledge of basic chemical principles and experiences in chemistry problem-solving. A solid mathematical background is necessary. Students must have proficiency in Algebra to be successful in this course. Technical writing will be an integral part of the course. There is extensive in-class problem solving along with out of class assignments. There is usually one library research report.	

CHEMISTRY ENRICHMENT

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Successful completion of Physical Science. Recommend successful completion or concurrent enrollment in Algebra II
Summer Work	None
Additional requirements	Scientific calculator
Course Video/Flyer	n/a
Pathway	Health Science Pathway: Introductory level
Description: Chemistry Enrichment is a year-long course that is recommended for those who want a more challenging/rigorous course than would be offered in Chemistry I. The goal of Chemistry Enrichment is to provide students with a foundation to understand the structure and properties of chemical substances and to make predictions in regard to the movement of energy in a system. This course is designed to give the students the background and skills necessary for more advanced science classes, such as AP Chemistry, or AP Biology. By nature, this course is lab-based with special emphasis on quantitative and qualitative methods of analysis. Students will be exposed to lectures, extensive lab and lab write ups, demonstrations, data analysis, and group projects throughout the year. Students can expect problems to solve, lab write ups, or readings at least 4 days per week.	

AP CHEMISTRY (Merit Course)

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Pre-AP Chemistry OR Chemistry with instructor approval. Successful completion of OR concurrent enrollment in College Algebra OR Pre-Calculus.
Summer Work	Yes
Additional requirements	Scientific calculator required. A graphing calculator is highly recommended
Course Video/Flyer	n/a
Pathway	n/a
Description: AP Chemistry is comparable to a first-year general chemistry course at most colleges or universities. AP content and laboratory ideas are centered around six content areas: structure of matter, properties of matter, chemical reactions, rates of chemical reactions, thermodynamics, and equilibrium. Coursework will include extensive problem solving. Students have the option to take the AP Chemistry Exam in the spring. (www.collegeboard.com) Students should be prepared to complete daily homework sets and study course material. Expect nightly homework in addition to lab reports.	

HUMAN ANATOMY AND PHYSIOLOGY

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Biology
Summer Work	No
Additional requirements	Latex gloves
Course Video/Flyer	n/a
Pathway	Health Science Pathway: Technical Level
Description: This course is designed to emphasize the systems of the human body and the interrelationships among the systems. It is designed to help students interested in pursuing health fields after high school. An extensive dissection of an embryonic pig will be an integral part of the course. This course will expose students to a significant amount of vocabulary and reading. It does not involve daily homework but does involve required in-depth quizzes and tests.	

EARTH SCIENCE A

Length	1 Semester
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Physical Science & Biology
Summer Work	No
Additional requirements	None
Course Video/Flyer	n/a
Pathway	n/a
Description: This course is an introductory course to Meteorology. Topics will include weather patterns, interpretation of weather data as well natural related phenomena's such as tornados and hurricanes. There will also be an astronomy section.	

EARTH SCIENCE G

Length	1 Semester
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Physical Science & Biology
Summer Work	No
Additional requirements	None
Course Video/Flyer	n/a
Pathway	n/a
Description: Earth Science G is an introduction to basic Geology. The primary topics covered are minerals, rocks, maps and fossils. The course will require collections made outside of class. There is opportunity to work hands on with rocks, minerals, fossils, and topographic maps.	

INTRODUCTION TO FORENSIC SCIENCE

Length	1 Semester
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Physical Science & Biology
Summer Work	No
Additional requirements	None
Course Video/Flyer	n/a
Pathway	n/a
Description: Forensic Science is the application of multiple scientific disciplines to the investigation of criminal or civil questions of the law. In this course we will use biology, chemistry, and physics to analyze and interpret evidence within the realm of our legal system. We will begin with an introduction to scientific inquiry and the process of forensic investigation. We will then apply our knowledge of investigation to the analysis of trace evidence (hair, fiber, etc.), fingerprints, DNA, and blood. Students will discuss and analyze the evidence revealed by bodies, crime scenes, and crime scene tools. Students will actively participate in labs and activities relating to the investigation of crime scenes and the analysis of evidence. Forensics Science is primarily a lab-based course.	

HUMAN BODY SYSTEMS

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Physical Science & Biology
Summer Work	No
Additional requirements	None
Course Video/Flyer	n/a
Pathway	Health Science Pathway: Technical level
<p>Description: The Human Body Systems course is a two (2) semester course designed for students who are interested in fields such as athletic training, physical therapy, medicine, nursing, fitness, and physiology of exercise, kinesiology, nutrition, EMT, and other sports medicine related fields. It is offered as a classroom and lab course to provide students with an avenue through which to explore these fields of study. This course provides an opportunity for the study and application of the components of sports medicine including but not limited to: sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation, and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, first/CPR/AED, emergency procedures, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities, and therapeutic exercise. In addition to class time, there is an opportunity to assist the Certified Athletic Trainer(s) at Lansing High School during practice and games.</p>	

HEALTH CAREERS & INTERNSHIP

Length	1 Semester
Grade(s)	11/12
Fee Description	None
Prerequisites	Must successfully complete a course at Introductory & at Technical level prior to this class. Biology & Anatomy/Physiology OR Intro to Human Body Systems
Summer Work	No
Additional requirements	This class must be taken 1 st and 2 nd hours
Course Video/Flyer	n/a
Pathway	Health Science Pathway: Application level
<p>Description: Students will have the opportunity to follow medical professionals such as doctors, nurses, radiology technicians, lab specialists, physical therapists, physical therapy assistants, occupational therapists, and occupational therapy assistants, pharmacists, dentists, and optometrist. The student will be required to spend the majority of each week off Lansing High School campus shadowing these professionals. The on-campus time each week will be spent completing reflections and professional development.</p>	

AP BIOLOGY

Length	1 YEAR
Grade(s)	11/12
Fee Description	None
Prerequisites	Biology Enrichment OR Biology (with teacher approval) & Chemistry
Summer Work	No
Additional requirements	None
Course Video/Flyer	n/a
Pathway	n/a
<p>Description: AP Biology is designed to be the equivalent of a two-semester college biology course usually taken by biology majors during their freshman year. At Lansing High School AP Biology is an elective science course for students who are highly motivated and have a strong interest in science. Major topics of study include biochemistry, cells, cellular energetics, genetics, evolution, classification, organism structure/function, and ecology. Students have the option to take the AP Biology Exam in the spring. (www.collegeboard.com) This course will expose students to a significant amount of vocabulary and reading. It does not involve daily homework but does involve required in-depth quizzes and tests. This course is fast-paced, intensive, and requires more at-home study time than the standard class.</p>	

PHYSICS

Length	1 YEAR
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Algebra II
Summer Work	No
Additional requirements	A scientific calculator is required. A graphing calculator is highly recommended.
Course Video/Flyer	n/a
Pathway	n/a
Description: This course is a study of the nature of the physical laws of the universe on a macroscopic level, emphasizing the following topics: 1) Newtonian mechanics, (analysis of forces and motion, work power and energy of systems) 2) Electricity and magnetism, electromagnetic fields, and circuits. 3) Properties of waves 4) Sound and light This course also serves as a preparatory course for AP Physics C; however, this course is algebra-based and at an introductory level. It is imperative students complete daily problem sets and reading. Expect 1 hour of homework nightly, in addition to study time for tests and quizzes.	

AP PHYSICS

Length	1 YEAR
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Physics and Pre-Calculus. In addition, must be enrolled in or successfully completed Calculus.
Summer Work	No
Additional requirements	A graphing calculator is required for tests & quizzes.
Course Video/Flyer	n/a
Pathway	n/a
Description: This Advanced Placement course corresponds to approximately one semester of college work; this course lasts the academic year. Be prepared to participate in guided inquiry and student-centered learning, as well as utilizing introductory differential and integral calculus throughout the course. Physics C: Mechanics covers the following six content areas: kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. To earn college credit students must take and pass the Advanced Placement C: Mechanics Exam in the spring. There is NO dual credit option. It is imperative students complete daily problem sets and reading. Formal and informal lab reports are required. Data collection occurs during class time; however, the writing of lab reports often occurs as homework.	

Social Science Department

Graduation Requirements:	3 ½ units (1 unit must be American History/AP US History, 1 semester of U.S. Govt. & 2 units of Social Science electives)
Board of Regents College Preparatory Curriculum:	3 units of Social Science
Notes:	Civics/Geography (9 th grade), World History or AP European History (10 th grade), American History or AP US History (11 th grade), and American Government or AP Am. Govt. & Politics (12 th grade)

CIVICS/GEOGRAPHY

Length	1 Semester of EACH
Grade(s)	9
Fee Description	None
Prerequisites	None
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: This will consist of a study of Civics one semester. The emphasis will be on the participation in the Democratic process. Social and historical aspects of democracy will be studied. The other semester will cover Geography. Physical and cultural geography will be studied. We will look at our nation as well as other nations, while attempting to understand man's role in this environment. Much of the work will be guided practice in class. There will be some homework and other out of class activities. There will be various "mini" research projects throughout the year and current events activities used to support the daily class work.	

WORLD HISTORY

Length	1 Year
Grade(s)	10
Fee Description	None
Prerequisites	Successful completion of Civics & Geography
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: The course begins studying Renaissance Man and his developments and follows history through the present. It will include man's development, achievements, and disasters throughout civilization. The course will also include dealing with the relationships between physical geography and political boundaries, environmental boundaries, economic problems, and geographical effect on social institutions.	

AP EUROPEAN HISTORY

Length	1 Year
Grade(s)	10
Fee Description	None
Prerequisites	Successful completion of Civics & Geography
Summer Work	Yes
Additional requirements	No
Course Video/Flyer	https://www.youtube.com/watch?v=uhS1qeIRF5U&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=28
Pathway	n/a
Description: Following the College Board's suggested curriculum designed to parallel college-level European History courses, AP European History courses examine European civilization from the High Renaissance period to the recent past and also expose students to the factual narrative. In addition, these courses help students develop an understanding of some of the principal themes in modern European history and the abilities to analyze historical evidence and to express that understanding and analysis in writing. This course will allow students who would like to either earn weighted credit or study more challenging material as it pertains to the history of the Europe. This course stays in the same era as the on-level World History and given in the KSDE Standards	

AMERICAN HISTORY

Length	1 Year
Grade(s)	11
Fee Description	None
Prerequisites	Successful completion of Civics & Geography AND World History
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: This is a broad-ranging history course that covers American history from the American Industrial Revolution to modern American culture. Emphasis is on the sequence of events leading to major developments in our nation's growth. Some of the more important areas studied are Immigration, Urbanization, the Spanish-American War, Roaring 20's, Great Depression, World Wars I & II, Cold War Civil, Rights and Modern America. The course culminates in the study of recent events which affect our daily lives.	

AP U.S. HISTORY (Merit Course & 3 Dual credit hours through Donnelly College-HS 122)

Length	1 Year
Grade(s)	11
Fee Description	None
Prerequisites	Successful completion of AP European History OR World History with teacher recommendation
Summer Work	Yes
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: This is a challenging course that is designed to be the equivalent of two semesters of a freshmen college survey course on American History. It is an examination of American history from the age of exploration and discovery to the present. Solid reading and writing skills, along with a willingness to devote a considerable amount of time to reading and studying outside of the classroom, is necessary to succeed. The course emphasizes critical and evaluative thinking skills, essay writing, class discussion, interpretation of original documents, and historiography. Students enrolled in the A.P. U.S. History course will spend the year preparing to take the Advanced Placement U.S. History test given by the College Board the 1st or 2nd week in May. Students who score well on the test may earn up to 3 hours of college credit.	

AMERICAN GOVERNMENT

Length	1 Semester
Grade(s)	12
Fee Description	None
Prerequisites	Reserved for students in their 4 th year of high school
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: The course provides an introduction to the complex system of government in the United States, beginning with a discussion of the philosophical foundations of the American governmental system leading up to the development of the Constitution. Students are introduced to areas such as the U.S. Congress, the Presidency, the Federal Court System, and Civil Rights. Students will study the organization and functions of the government.	

AP AMERICAN GOVERNMENT & POLITICS

Length	1 Semester
Grade(s)	12
Fee Description	None
Prerequisites	Successful completion of AP US History OR American History with teacher recommendation
Summer Work	Recommended reading
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: The course provides an introduction to the complex system of government in the United States, beginning with a discussion of the philosophical foundations of the American governmental system leading up to the development of the Constitution. Students are introduced to areas such as the U.S. Congress, the Presidency, the Federal Court System, and Civil Rights. Students will study the organization and functions of the government.	

PSYCHOLOGY (Elective)

Length	1 Semester
Grade(s)	11/12
Fee Description	None
Prerequisites	Reserved for 11 th & 12 th graders
Summer Work	No
Additional requirements	No
Course Video/Flyer	https://www.youtube.com/watch?v=G8IErtqVDXk&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=7&t=0s
Pathway	n/a
Description: Human attitudes, values, and behavior are factors that contribute to many of our society's problems. To alleviate these problems, psychology attempts to explain why and how human attitudes, values, and behavior develop. In this class, students will learn about human attitudes, values, and behavior through four domains: developmental, cognitive, bio-psychological, and variations between individuals and groups. Along with these four domains, students will also learn about the research methods scientists use to develop theories concerning each domain.	

SOCIOLOGY (Elective)

Length	1 Semester
Grade(s)	11/12
Fee Description	None
Prerequisites	Reserved for 11 th & 12 th graders
Summer Work	No
Additional requirements	No
Course Video/Flyer	https://www.youtube.com/watch?v=xcbrViyGQzI&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=8&t=0s
Pathway	n/a
Description: This is a course that uses the latest data available to give students an accurate understanding of changes in population, employment, housing, education, and other areas of social concern. Students will be introduced to the science and art of human relations. They will build upon the knowledge they have acquired in the other social sciences. Students will gain a concrete and definite knowledge of social problems and the scientific ways of studying them.	

INTRO TO PHILOSOPHY (Elective)

Length	1 Semester
Grade(s)	11/12
Fee	None
Description	
Prerequisites	Successful completion of World History
Summer Work	No
Additional requirements	No
Course Video/Flyer	https://www.youtube.com/watch?v=MY9Aw15HTe8&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=27
Pathway	n/a
Description:	Introduction to Philosophy will be a semester course open to juniors and seniors who have passed World History successfully. It will be an introduction to the four main sub-disciplines of philosophy: Epistemology (Study of Knowledge), Metaphysics (Study of Reality), Theism (The Study of the existence of a higher power), and Ethics (Study of Morality). The course will reflect on some of the central questions of human existence. The course will be predominately discussion-based. It will emphasize the evaluation and analysis of primary and secondary philosophical writings from eastern and western philosophers, critical and systematic thinking, and the ability to express original ideas verbally and through writing. Student expectations include full participation in class discussions, readings, and the ability to synthesize content knowledge into original ideas and presenting those to class.

ECONOMICS (Elective)

Length	1 Semester
Grade(s)	10/11/12
Fee	None
Description	
Prerequisites	Successful completion of Freshman level Social Studies
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description:	Introduction to Economics includes four topics that will be emphasized: 1) The economic way of thinking, 2.) using and making basic economic graphs to understand and explain economic behavior, 3.) the effect of government economic choices on individuals, businesses, and nations, and finally 4.) personal finance and contemporary economic issues in the U.S. and the world. Many economic topics will be centered around historical events. In general, this course is meant to demonstrate how economic principles affect the actions of nations, businesses, and individuals. One other main objective of this course is to prepare any student with the knowledge and skills they might need to be successful in college economics courses. Many majors require at least one economics class and business majors will have to take more.

Fine Arts Department

Graduation Requirements:	1 unit from the following
Board of Regents College Preparatory Curriculum:	n/a
Notes:	Not specifically listed by the Board of Regents proposal; however, the U.S. Secretary of Education and the National Endowment for the Arts has declared that fine arts education is fundamental and integral to a well-rounded education.

BAND

Length	1 Year (1 st semester only for Percussion)
Grade(s)	9/10/11/12
Fee Description	\$50 per year participation fee. Concert attire purchase also required
Prerequisites	KSHSAA & LHS Activity Eligibility must be maintained through the year.
Summer Work	Marching Band Camp
Additional requirements	Audition if no previous instrumental music course completed
Course Video/Flyer	n/a
Pathway	n/a
Description: This course is for woodwind and brass musicians. This course is co-curricular which includes rehearsals and performances outside of the school day. Band is offered year-round. During the fall semester, band concentrates on marching in preparation for various parades, festivals, competitions, and half time shows at sporting events. At the conclusion of the marching season auditions will be held for placement into the Wind Ensemble and Symphonic Band. The two concert bands will concentrate on concert and chamber music. Emphasis is on developing life-long musical skills and musicianship through the study of the various elements of music. Some students will be further placed in positions of leadership and responsibility. This course includes many opportunities for individual enrichment.	

PERCUSSION

Length	2 ND Semester
Grade(s)	9/10/11/12
Fee Description	\$50 per year participation fee. Concert attire purchase also required
Prerequisites	KSHSAA & LHS Activity Eligibility must be maintained through the year.
Summer Work	Marching Band Camp
Additional requirements	Audition if no previous instrumental music course completed
Course Video/Flyer	n/a
Pathway	n/a
Description: This course is for percussionists. This course is co-curricular which includes rehearsals and performances outside of the school day. Percussion is offered year-round. During the fall semester, percussion will concentrate on the marching in preparation for various parades, festivals, competitions, and half time shows at sporting events. At the conclusion of the marching season auditions will be held for placement into the Wind Ensemble and Symphonic Band. The primary focus of this course will be the development of percussion performance techniques through performance in percussion ensemble. Emphasis is on developing life-long musical skills and musicianship through the study of the various elements of music. Some students will be further placed in positions of leadership and responsibility. The course includes many opportunities for individual enrichment.	

JAZZ BAND

Length	1 Year
Grade(s)	9/10/11/12
Fee Description	\$50 per year participation fee.
Prerequisites	Placement by Audition KSHSAA & LHS Activity Eligibility must be maintained through the year, concurrent enrollment in either Band or Percussion, exceptions may be made if playing piano or guitar.
Summer Work	Marching Band Camp
Additional requirements	Audition required
Course Video/Flyer	n/a
Pathway	n/a
Description: This course is co-curricular. Jazz Band is a performing ensemble designed to explore various styles and genres of jazz and improvisation. These genres may include Swing, Big Band, Latin, Be-Bop, Rock, and Dixieland. There will be a strong emphasis on improvisation including jazz theory. There will also be a strong emphasis on ensemble playing in both big band and combo groups. Since Jazz Band is a performance-based class, performances are the main tool for assessment, and therefore, are required as part of the class. Instrumentation includes saxophones, trumpets, trombones, and the rhythm section (percussion, bass guitar, guitar, and piano). Only these instruments may audition unless otherwise allowed by the director of bands. Auditions will be held in the spring prior.	

INTRO TO DRAWING

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	No prior experience in art is necessary
Summer Work	No
Additional requirements	Materials list provided at first meeting
Course Video/Flyer	n/a
Pathway	n/a
Description: This course is designed as an introduction drawing. No prior experience in art is necessary for this course. In this hands-on workshop students learn to draw with techniques based on the work of Betty Edwards, author of the renowned book, Drawing on the Right Side of the Brain. A step-by-step process is specifically designed for individuals who have never drawn before. The fundamental premise is that anyone can learn to draw if provided with proper guidance. Students develop their perceptual skills (ability to see) through exercises focusing on contour line, positive/negative space, sighting, and light/shadow relationships. Combines lecture and studio exercises in a nurturing and supportive environment.	

ART APPRECIATION

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: Art Appreciation is a semester-long introductory to the study of visual arts. This class is designed for students who would like to gain an appreciation for the visual arts. The artist and the creative process are explored. The major components of the class include a focus on the functions of art, the language of visual communication, art criticism, and a historical survey of some of the major styles of art.	

ART APPRECIATION

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: Art Appreciation is a semester-long introductory to the study of visual arts. This class is designed for students who would like to gain an appreciation for the visual arts. The artist and the creative process are explored. The major components of the class include a focus on the functions of art, the language of visual communication, art criticism, and a historical survey of some of the major styles of art.	

2-D ART

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Intro to Drawing
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: The emphasis in intermediate art is directed toward the conception and execution of ideas in a format which uses the elements and principles of design on flat surfaces. Areas of art which are emphasized include drawing, painting, mixed media, and 2-D design elements. Students will be exposed to the four major disciplines of art: creating art, sharing artistic work, evaluating art, connecting to art both present and the past and the arts as a means to wellbeing.	

ART PORTFOLIO

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	By appointment
Summer Work	No
Additional requirements	Must have teacher approval
Course Video/Flyer	n/a
Pathway	n/a
Description: Art Portfolio is for highly motivated students who are seriously interested in the study of art. Successful completion of at least 1 year of preparatory art classes and teacher selection based on application are required. Students will be expected to read professional literature in the area of their concentration. Art Portfolio contributes to the student's development in their four content areas of art production, art history, art criticism, and aesthetics. Emphasis will be on art production and portfolio preparation. Each student will be required to keep a portfolio.	

MIXED ENSEMBLE

Length	1 Year
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	No
Additional requirements	None
Course Video/Flyer	n/a
Pathway	n/a
Description: This is a choir consisting of male and female voices and is open to all students. Students are taught basic vocal production techniques using three-and four-part music of various styles, including pop and jazz. Emphasis is on good vocal production, tone, harmony and stage performance skills. This group will have the opportunity to perform in the quarterly department concerts. Student participation at these performances is required.	

WOMEN'S ENSEMBLE CHOIR

Length	1 Year
Grade(s)	9/10/11/12
Fee Description	\$50 per year participation fee (No additional fee if enrolled in another choir) Concert attire purchase also required
Prerequisites	Instructor permission. Students must meet KSHSAA requirements
Summer Work	No
Additional requirements	Audition required
Course Video/Flyer	n/a
Pathway	n/a
Description: This is a performance-oriented class consisting of female voices in which students will be exposed to a wide range of choral styles and periods. Choral concepts including vocal production technique, tone, dynamics, balanced harmony and a cappella singing will be stressed. This choir will represent LHS through performance in quarterly concerts, outside of school performances and at music festivals. Participation at performances if required.	

CONCERT CHOIR

Length	1 Year
Grade(s)	9/10/11/12
Fee Description	\$50 per year participation fee (No additional fee if enrolled in another choir) Concert attire purchase also required
Prerequisites	Instructor permission. Students must meet KSHSAA requirements
Summer Work	No
Additional requirements	Audition required
Course Video/Flyer	n/a
Pathway	n/a
Description: This is a performance-oriented class consisting of male and female voices in which students will be exposed to a wide range of choral styles and periods with an emphasis on standard choral literature. Choral concepts including vocal production technique, tone dynamics, balanced harmony and a cappella singing will be stressed. This choir will represent LHS through performances in quarterly concerts, outside of school performances and at music festivals. Participation at performances is required.	

SMALL ENSEMBLE-LEGACY SINGERS

Length	1 Year
Grade(s)	9/10/11/12
Fee Description	\$50 per year participation fee (No additional fee if enrolled in another choir) Concert attire purchase also required
Prerequisites	Instructor permission. Students must meet KSHSAA requirements
Summer Work	No
Additional requirements	Audition required
Course Video/Flyer	n/a
Pathway	n/a
Description: This is a select choir ensemble consisting of male and female voices in which students will be exposed to a wide range of choral styles and periods with an emphasis on standard choral literature. Choral concepts including vocal production technique, tone, dynamics, balanced harmony and a cappella singing will be stressed. This choir will represent LHS through performance in quarterly concerts, outside of school performances and at music festivals. Participation at performances is required.	

HISTORY OF POPULAR MUSIC

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: This course is designed to allow students to explore popular music in the 20th and 21st century. Students will learn about important artists, instruments, and events that have helped shape popular music throughout the decades. The course is taught in units that cover topics such as Women in Music, Copyright Law, Music Business, as well as exploring different genres of popular music. Students will participate in group activities, listening days, a mid-term project, a live concert review, and final project highlighting an artist they would like to see inducted into the Rock and Roll Hall of Fame.	

MUSIC IN THE MEDIA & CINEMA

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: This class will focus on how music is used in media and cinema. Students will learn about the development of the film music and the film music composers. They will learn some basic music terminology and be able to use that terminology to describe what is happening in the music.	

MUSIC-IT'S ENTERTAINMENT

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: This class will study the development of Broadway musical theatre from it's beginning to present day. Students will also learn about how social issues in America influence Broadway.	

MUSIC THEORY I

Length	1 Semester
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Music Performance Ensemble (1 year) or passing of entrance exam
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: This is a beginning Music Theory Class. We will have the study of music notation, musicianship, key signatures, note identification, chords and chord progressions. Musicianship skills such as music reading, performing, and reflection are necessary to be successful in this class and are learned in performance ensemble or through private music lessons.	

MUSIC THEORY II

Length	1 Semester
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Music Theory I AND Music Performance Ensemble (2 years) or passing of entrance exam
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: This is an advanced Music Theory Class. We will have advanced study of music including melody, harmony, texture, rhythm, form, musical analysis, intermediate composition, and style. Musicianship skills such as music reading, performance, and reflection are necessary to be successful in this class.	

BEGINNING GUITAR PERFORMANCE

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: This course will teach beginning guitar for any student interested in learning the basics of acoustic, ukulele, and electric guitar. Students will learn different techniques associated with pop, jazz, country, and rock. Students will also learn how to read basic music, TABS, and chord symbols. Students will perform at band concert at end of semester.	

INTRODUCTION TO DRAMA

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: Introduction to Drama provides opportunities for students to explore theatrical skills and techniques (improvisation, characterization, script analysis, etc.). Students will learn the fundamentals of theatre, including history, through argumentative proposals, performances, discourse (Socratic seminar), and the creation and performance of short scenes and ensemble acting. Additional studies will include technical theatre and theatre critique. Students in Introduction to Drama are required to attend one theatrical performance outside of school hours.	

ACTING

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Successful completion of Intro to Drama
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: Acting expands upon Intro to Drama and delves deeper into ensemble work, movement, scene and play analysis, scene work including an emphasis on objectives, obstacles, and acting techniques, improvisational skills, character analysis and performance, monologues, audition skills, dramaturgy, career paths and theatre history with an emphasis on performing the classics.	

TECH THEATRE

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: Tech Theatre provides opportunities for students to learn the behind the scenes, technical aspects of theatre. Units may include design work (costumes, lighting, props, etc.), team building, career paths, tools and safety, and set construction. This course varies based upon the production needs of the Drama Department. Tech Theatre can be taken more than once.	

REPERTORY THEATRE

Length	1 Semester
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Successful completion of Intro to Drama AND either Acting OR Tech Theatre.
Summer Work	No
Additional requirements	Students may also receive permission to exempt prerequisites from the instructor based on performance experience
Course Video/Flyer	n/a
Pathway	n/a
Description: Repertory Theatre mimics the production process of a theatre company from the selection of the show and the casting process to the set build and design. In addition, students will prepare audition monologues to be used for college auditions and develop a professional resume. Out-of-class time is required for production experience. Repertory Theatre can be taken more than once.	

Physical Education Department

Graduation Requirements:	½ unit of General Physical Ed. AND ½ unit of health
Board of Regents College Preparatory Curriculum:	n/a
Notes:	Not specifically listed by the Board of Regents but required by the State of Kansas. Knowledge of health & recreational activities is essential to physical and mental well-being.

GENERAL PHYSICAL EDUCATION

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: This course is required for all students. The activity portion consists of an introduction to various sports with the major emphasis on team and group activities. Physical fitness, volleyball, basketball, softball, football and soccer are the primary units. Particular attention is given to fitness development and testing.	

HEALTH EDUCATION

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: Health instruction covers the development of mental, social, and physical health, including the study of body systems, personality, and safety. Health requires both reading and homework assignments. Periodic quizzes and tests are a part of the class work. Lecture, discussion, and active participation by each individual, depending on the particular topic.	

STRENGTH AND CONDITIONING

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Successful completion of General PE
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: Strength and Conditioning I is a beginning level course designed to learn the fitness skills associated with lifting weights. The class is focused on learning the basic principles of exercise and weightlifting. This includes, but is not limited, to proper lifting and spotting techniques, nutritional components, and speed and agility body mechanics. Grades are earned using a point system based on the student's attendance, participation, and cooperation. Students must pass the course to move on to Strength and Conditioning II.	

STRENGTH AND CONDITIONING II

Length	1 Semester
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Successful completion of Strength I OR instructor approval
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: Strength and Conditioning II is designed to further enhance the fitness skills learned in Strength and Conditioning I. The weightlifting class will focus on human anatomy, strength building, muscle toning and growth, flexibility, cardiovascular endurance, and speed and agility movements. Students will participate in a rigorous sports performance routine throughout the year that focuses on improving the student's overall athleticism. Grades are earned using a point system based on the student's attendance, participation, and cooperation. Students must maintain a passing grade and adhere to all safety policies and rules. Failure to do so will result in removal from class.	

LIFETIME FITNESS

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Successful completion of General PE
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: Lifetime Fitness will provide learning opportunities for students to further develop skills and knowledge related to fitness, physical competence, cognitive understanding and positive attitudes about physical activity that promote a healthy and physically active lifestyle. Students will acquire knowledge and skills in recreational, athletic and lifetime activities. The emphasis is on active participation, sportsmanship, teamwork, developing organizational skills and supporting reading and writing across the curriculum. For units done in general physical education, advanced skills will be assessed; many of the units will differ from general physical education class. Students will also create their own fitness plan that they will then implement individually and collect results.	

Career & Technical Education

Graduation Requirements:	Starting with the class of 2024 ½ unit of any Introductory Level Course
Board of Regents College Preparatory Curriculum:	n/a
Notes:	There are 13 pathways available for students to participate in. Once the introductory course is completed then the student can choose a pathway and take the specific courses sequentially. The application-level courses are taken AFTER the completion of all the technical level courses.

CAREER LIFE PLANNING

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	No
Additional requirements	No
Course Video/Flyer	https://www.youtube.com/watch?v=tRrsaZIX7Zs&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=16
Pathway	Restaurant & Event Management Pathway: Introductory Level Family, Community, & Consumer Sciences Pathway: Introductory Level Teaching/Training Pathway: Introductory Level
Description: This class focuses on helping students meet the challenges of their daily lives with confidence. Areas studied include goal setting, communication, decision making, life management and career selection and research. Daily work includes taking notes, text reading, vocab quizzes, activity sheets, varied whole class activities and discussions. Teaming and cooperative work is encouraged when appropriate as each class develops a learning community.	

CULINARY ESSENTIALS

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	Students are required to pay the \$25 participation fee
Prerequisites	Successful completion of Career Life Planning OR Business Essentials
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Restaurant & Event Management Pathway: Technical Level Family, Community, & Consumer Sciences Pathway: Technical Level
Description: This course is designed to give students a thorough overview to the food service industry. Students will learn how to select and prepare foods safely for optimal health. Students must pass a Safety, Equipment and Measurement test with a 70% or better before labs begin and must maintain a C to participate in labs.	

CULINARY ARTS I

Length	1 Year
Grade(s)	10/11/12
Fee Description	Students are required to pay the \$50 per semester participation fee
Prerequisites	Successful completion of Culinary Essentials
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Restaurant & Event Management Pathway: Technical Level
<p>Description: This course integrates the knowledge, skills and practices required for careers in the restaurant industry. Topics include the sources, symptoms and prevention measures for common food illnesses, meal management, correct use of food production equipment and production and facility management principles. Students will also begin to develop culinary skills for a variety of food products. Students must pass a Safety, Equipment and Measurement test with a 70% or better before labs begin and must maintain a C to participate in labs.</p>	

CULINARY ARTS II

Length	1 Semester
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Culinary Arts I
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Restaurant & Event Management Pathway: Technical Level
<p>Description: This course integrates the knowledge, skills and practices required for careers in the restaurant industry. Topics include international cuisines, meal management, correct use of food production equipment and advanced culinary techniques. Students must pass a Safety, Equipment and Measurement test with a 70% or better before labs begin and must maintain a C to participate in labs.</p>	

FAMILY LIVING

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Successful completion of Career Life Planning
Summer Work	No
Additional requirements	No
Course Video/Flyer	https://www.youtube.com/watch?v=tRrsaZIX7Zs&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=16
Pathway	Family, Community, & Consumer Sciences Pathway: Technical Level
<p>Description: This class focuses on helping teens strengthen the families they live in now and build strong families for the future. Students will examine what relationships are all about and learn and practice communication and conflict resolution skills. Daily work includes notes, text reading, quizzes, activity sheets and class discussions. Areas studied include problem solving, current societal issues, self-exploration, personal independence, family structures and parenting.</p>	

CHILD DEVELOPMENT

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Successful completion of Career Life Planning
Summer Work	No
Additional requirements	No
Course Video/Flyer	https://www.youtube.com/watch?v=tRrsaZIX7Zs&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=16
Pathway	Family, Community, & Consumer Sciences Pathway: Technical Level Teaching/Training Pathway: Technical Level

Description: This class focuses as an introduction to human development. Parenting skills and practices are included in instruction. Daily work includes taking notes, text reading, vocab quizzes, activity sheets and class discussions. Areas studied range from choosing to become a parent and conception, heredity/environment, styles of discipline, stages of family life, the impact of the child on family living and the study of development are also part of the curriculum.

NUTRITION & WELLNESS

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Successful completion of Career Life Planning
Summer Work	No
Additional requirements	No
Course Video/Flyer	https://www.youtube.com/watch?v=tRrsaZIX7Zs&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=16
Pathway	Family, Community, & Consumer Sciences Pathway: Technical Level

Description: This class focuses on preparing the student to develop characteristics of a quality lifestyle, including physical, emotional, mental and social health on a daily basis. The choices made today will affect life expectancy, reproductive health and risk factors for disease. The ability to competently plan strategies for choosing, acquiring, preparing and storing food will affect overall health and wellness. Daily work includes notes, text reading, vocab quizzes, activity sheets and class discussions. The study of nutrition and daily choices will be a primary focus. Student project includes the selection of a particular nutrient and creating an oral presentation and class activity.

CAREER CONNECTIONS

Length	1 Semester
Grade(s)	11/12
Fee Description	None
Prerequisites	Restaurant & Event Management Pathway -Must take all 4 courses: Career Life Planning, Culinary Essentials, Culinary Arts I & Culinary Arts II Family, Community & Consumer Sciences Pathway -Must take all 5 courses: Career Life Planning, Child Development, Family Living, Consumer Finance & Nutrition & Wellness
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Restaurant & Event Management Pathway: Application Level Family, Community, & Consumer Sciences Pathway: Application Level

Description: This class focuses on students developing the essential skills necessary to meet the demands of life during the first five years after high school and beyond. Daily work includes taking notes, text reading, vocab quizzes, activity sheets and class discussions. Areas studied include the concepts of independent living, communication, conflict resolution, health and wellness, consumerism, managing monetary resources effectively and career exploration. A "real life" situation (having to apply for a job, transportation, arrange for housing and develop a daily budget) will be part of the class.

EVENT PLANNING & MANAGEMENT

Length	1 Semester
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Career Life Planning OR Business Essentials AND Culinary Essentials
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Restaurant & Event Management Pathway: Technical Level
Description: This course provides students with the knowledge and skills related to the event planning and implementing process. It will include establishing client relationships, the importance of communication, planning process, resource management, quality service and staffing issues.	

INTRODUCTION TO WOODWORKING

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	\$40 project fee
Prerequisites	None
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Construction & Design Pathway: Introductory Level
Description: This project-oriented class stresses the safe and proper use of woodworking machines and hand tools. Four basic projects are required at a cost of \$40. The class covers safety, basic construction techniques, wood joinery, sanding and finishing.	

WOODWORKING PRINCIPLES

Length	1 Year
Grade(s)	10/11/12
Fee Description	\$80 project fee
Prerequisites	Introduction to Woodworking
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: Students in woodworking principles will participate in project construction of their own design as well as a mass production project as a class. Topics to be covered are safety, mass production, custom cabinetry and casework. Student projects are expected to be of a level higher than what was expected in Intro to Industrial Technology.	

DRAFTING

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Construction & Design Pathway: Introductory Level
Description: This project-oriented class stresses the safe and proper use of woodworking machines and hand tools. Four basic projects are required at a cost of \$40. The class covers safety, basic construction techniques, wood joinery, sanding and finishing.	

RESIDENTIAL DRAFTING

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Drafting
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Construction & Design Pathway: Technical Level
Description: Students will study house planning and construction. They will be expected to design and draw a set of plans for a two-story residential home. Such areas as floor plans, electrical plans, foundation plans, plot plans, and perspective presentation drawings will be covered. Students will continue study of CAD systems.	

COMMERCIAL DRAFTING

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Residential Drafting
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Construction & Design Pathway: Technical Level
Description: This class is for those who have successfully completed Advanced Drafting. Students will be introduced to commercial Architecture and will use problem solving skills to design a repurposed commercial building into a usable space. Engineering topics will include load, storm water runoff, and water supply calculations.	

RESEARCH & DESIGN FOR PRE-CONSTRUCTION

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Commercial Drafting
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Construction & Design Pathway: Application Level
Description: Research and Design courses cover specific topics in design and pre-construction (drafting/architecture) to include management and "green design" skills.	

FURNITURE & CABINETRY FABRICATION

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Woodworking Principles
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Construction & Design Pathway: Application Level
Description: An advanced level application course designed to provide students with experience in constructing cases, cabinets, counters, furniture and interior woodwork	

BUSINESS ESSENTIALS

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Business Finance Pathway: Introductory Level A/V Communications Pathway: Introductory Level Restaurant & Event Management Pathway: Introductory Level Business Entrepreneurship & Management Pathway: Introductory Level Marketing Pathway: Introductory Level
Description: This is a core course designed to give students an overview of the business, marketing and finance career cluster occupations. Students will develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in these occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace. As students learn about different types of business ownership, they will interpret industry laws and regulations to ensure compliance, identify principles of business management, and analyze business practices to determine ethics and social responsibilities. Students will also review the Microsoft Office Suite programs, Adobe programs and other computer programs used in today's business world.	

MARKETING

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Business Essentials
Summer Work	No
Additional requirements	No
Course Video/Flyer	https://www.youtube.com/watch?v=nBuCINJBDww&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=27
Pathway	A/V Communications Pathway: Technical Level Business Entrepreneurship & Management Pathway: Technical Level Marketing Pathway: Technical Level
Description: In this course, students will learn the basics of Marketing. This course will introduce students to the process and functions involved in transferring business products or services to customers. Areas that will be explored include foundations of marketing, consumers and their behaviors, external factors, the marketing mix, marketing research, selling, pricing, advertising and marketing planning. Students will complete projects that deal with: Mock job interview, field trip, sales presentation, teamwork, promotion, self-evaluation and currency. Second semester will see marketing students applying marketing procedures in real-life situations modeled after the tv series The Apprentice.	

SCHOOL BASED ENTERPRISE (Dual Credit course through KCKCC)

Length	1 Semester
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Principles of Marketing AND one Marketing Pathway Technical Course (may take concurrently)
Summer Work	No
Additional requirements	No
Course Video/Flyer	https://www.youtube.com/watch?v=qpk_NzkaeUg&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=25
Pathway	Marketing Pathway: Application Level
Description: In this Marketing Application's course, the students will be working hand in hand with our three School Based Enterprises, Lion's Café, Spirit Box and the Lion's Pad. Students will plan, organize and implement marketing plans in all three ventures. First semester we will focus on gaining national certification for each venture by completing the ten standard certification documents. First semester will end with the individual certification exam. Second semester will follow curriculum for A*S*K Marketing Certification. If the student achieves a 70% or higher on each semester's exam, the student will be acknowledged as a COMPLETER of the pathway by the state of Kansas.	

BUSINESS MANAGEMENT

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Business Essentials
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Marketing Pathway: Technical Level Business Entrepreneurship & Management Pathway: Technical Level
Description: Business Management courses acquaint students with management opportunities and effective human relations. These courses provide students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, they usually provide a macro-level study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy. The course may also emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.	

SPORTS & ENTERTAINMENT MARKETING

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Business Essentials
Summer Work	No
Additional requirements	No
Course Video/Flyer	https://www.youtube.com/watch?v=p2aRJcsEDr4&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=24
Pathway	Marketing Pathway: Technical Level
Description: Sports and Entertainment Marketing courses introduce students to and help them refine marketing and management functions and tasks that can be applied in amateur or professional sports or sports events, entertainment events, and the sales or rental of supplies and equipment. Students will create, in a team or individual setting, a seasonal sales display for a sporting goods store. A field trip to a sporting and entertainment area will incorporate all information learned throughout the semester.	

ENTREPRENEURSHIP

Length	1 Semester
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Business Essentials
Summer Work	No
Additional requirements	No
Course Video/Flyer	https://www.youtube.com/watch?v=9Hhhi6OJcFg&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=23
Pathway	Marketing Pathway: Technical Level Business Entrepreneurship & Management Pathway: Technical Level
Description: Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Students will participate in active lessons on a daily/weekly basis. Students will start a small company in this class. The companies will be run during school with the student participating in a profit-sharing activity. Students will be exposed to creating a business plan and will have the opportunity to use their business plan in a local competition for prize money. Topics from several fields typically from the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting and communication.	

BUSINESS LAW

Length	1 Semester
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Successful completion of Business Essentials AND Consumer Finance
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Business Entrepreneurship & Management Pathway: Technical Level
Description: As a student in this course, you will learn the essential concepts of business law. The class will cover the basics of business and its legal environment, the court system, online dispute resolution, ethics and business decision-making, constitutional law, administrative law, criminal law and cyber-crime and many other basic concepts of the law.	

CONSUMER FINANCE

Length	1 Semester
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Business Essentials
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Business Finance Pathway: Technical Level Family, Community & Consumer Sciences Pathway: Technical Level
Description: This class focuses on helping students understand our economy, manage family and personal finances, and make well-informed purchasing decisions. Areas studied include consumer choices, economic principles, managing money, building financial security, becoming a smart shopper and making spending decisions. Daily work includes notes, text reading, quizzes, activity sheets and class discussions. Students will create/experience a "real life" situation (having to apply for a job, get transportation, arrange for housing and develop a daily budget). The use of "life applicable" situations will involve simple math concepts on a weekly basis.	

BUSINESS COMMUNICATIONS

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Successful completion of Business Essentials AND Consumer Finance
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Marketing Pathway: Technical Level Business Entrepreneurship & Management Pathway: Technical Level
Description: Business Communications courses help students to develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communicating non-verbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real-world applications.	

ACCOUNTING I

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Successful completion of Business Essentials AND Consumer Finance
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Business Finance Pathway: Technical Level Marketing Pathway: Technical Level Business Entrepreneurship & Management Pathway: Technical Level
Description: The student learns the principles and procedures of the accounting process. The course includes the entire accounting cycle for both a service business and a merchandising business using general and special journals, general ledgers, accounting for payroll preparation, end-of-year reporting with balance sheets, income statements, adjusting and closing entries, and bank reconciliations. Students will learn to utilize Microsoft Excel to create financial reports and generate charts for data analysis.	

ACCOUNTING II

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Accounting I
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Business Finance Pathway: Application Level
Description: Accounting II is a continuation of Accounting I. Material covered will include uncollectible accounts, receivables, depreciation, property tax, inventory, notes payable, notes receivable, accrued revenue and expenses, distribution of corporate dividends, federal income tax, and corporate financial statements for the end of the year.	

INVESTING

Length	1 Semester
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Successful completion of Business Essentials AND Consumer Finance
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Business Finance Pathway: Application Level
Description: Banking and Finance courses provide students with an overview of the American monetary and banking system as well as types of financial institutions and the services and products that they offer. Course content may include government regulations, checking, savings, and money market accounts; loans; investments; and negotiable instruments.	

INTRO TO BANKING

Length	1 Semester
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Successful completion of Business Essentials AND Consumer Finance
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Business Finance Pathway: Application Level
Description: Banking and Finance courses provide students with an overview of the American monetary and banking system as well as types of financial institutions and the services and products that they offer. Course content may include government regulations, checking, savings, and money market accounts; loans; investments; and negotiable instruments.	

APPLIED BUSINESS DEVELOPMENT

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Entrepreneurship AND Business Management
Summer Work	No
Additional requirements	No concurrent enrollment allowed
Course Video/Flyer	n/a
Pathway	Business Entrepreneurship & Management Pathway: Application Level
Description: Applied Business Development students will practice skills of planning, organizing, directing and controlling functions of operating a business while assuming the responsibilities and risks involved. In this Business Management and Administration course, the students will be working hand in hand with our three School Based Enterprises, Lion's Café, Spirit Box and the Lion's Pad. Students will plan, organize and implement marketing plans in all three ventures. First semester we will focus on gaining national certification for each venture by completing the ten standard certification documents. The end of semester exam will be the 2 credit Business Management and Administration exam. Second semester will follow curriculum for A*S*K MBA Research exam. If the student achieves a 70% or higher on each semester's exam, the student will be acknowledged as a COMPLETER of the pathway by the state of Kansas.	

INTRO TO COMPUTER CODING

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Programming & Software Development Pathway: Introductory Level
Description: In this course students will develop an introductory understanding of fundamental computer science concepts and apply computational thinking skills to solve problems through the use of entry level coding tools for computers and/or mobile devices.	

WEB PAGE DESIGN

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Successful completion of Intro to Computer Coding
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Programming & Software Development Pathway: Technical Level
Description: This course will teach students how to design web sites by introducing them to and refining their knowledge of site planning, page layout, graphic design, and the use of markup languages-such as Extensible Hypertext Markup, JavaScript, Dynamic HTML, and Document Object Model-to develop and maintain a web page. These courses may also cover security and privacy issues, copyright infringement, trademarks, and other legal issues relating to the use of the internet. Advanced topics may include the use of forms and scrips for database access, transfer methods, and networking fundamentals.	

COMPUTER PROGRAMMING

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Successful completion of Intro to Computer Coding
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Programming & Software Development Pathway: Technical Level
Description: Computer Programming courses provide students with the knowledge and skills necessary to construct computer programs in one or more languages. Initially, students learn to structure, create, document, and debug computer programs, and as they progress, more emphasis is placed on design, style, clarity, and efficiency. Students may apply the skills they learn to relevant applications such as modeling, data management, graphics, and text-processing.	

AP COMPUTER SCIENCE

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Intro to Computer Coding
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Programming & Software Development Pathway: Application Level
Description: Following the College Board's suggested curriculum designed to mirror college-level computer science courses, AP Computer Science A courses provide students with the logical, mathematical, and problem-solving skills needed to design structured, well-documented computer programs that provide solutions to real-world problems. These courses cover such topics as programming methodology, features, and procedures; algorithms; data structures; computer systems; and programmer responsibilities.	

21st CENTURY JOURNALISM

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Co-enrolled or completed Business Essentials
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	A/V Communication Pathway: Technical Level
Description: 21st Century Journalism promotes the development of the skill set needed to become a journalist today and in the future. Topics include an exploration of the role media and the communications industry has in society, the development of the technical skills related to journalistic writing and interviewing, as well as understanding the ethical and legal issues related to the field. Students who want to take Broadcasting, Yearbook or Online Journalism must take this course.	

PHOTO IMAGING

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	No fee, but students will need to have their own 2GB SD card for the class
Prerequisites	Co-enrolled or completed Business Essentials
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	A/V Communication Pathway: Technical Level
Description: Photo Imaging teaches the technical skills needed to produce quality images for use in a variety of applications. Topics include use of equipment, software and techniques to take, edit and manipulate digital images. Students will develop a digital portfolio to highlight photographs taken throughout the course.	

AUDIO/VIDEO PRODUCTION FUNDAMENTALS

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	No fee, but students will need to have their own headphones, class 10 SD memory card for the class
Prerequisites	Successful completion of Business Essentials
Summer Work	No
Additional requirements	Must be able to work in groups, be responsible for equipment, able to work without direct supervision while out capturing footage.
Course Video/Flyer	https://www.youtube.com/watch?v=bW9w5qK6WWho&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AaVVPnfz&index=1
Pathway	A/V Communication Pathway: Technical Level
Description: This class provides a basic understanding of producing video for a variety of uses. Topics include analyzing the pre-production and post- production process, as well as explore the equipment and techniques used to develop a quality video-production. This is a project-based class, most assignments will involve students capturing and creating simple videos.	

GRAPHIC DESIGN I

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Successful completion of Business Essentials
Summer Work	No
Additional requirements	Students can receive a fine arts credit
Course Video/Flyer	https://www.youtube.com/watch?v=bKqp602Tuzs&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=26
Pathway	A/V Communication Pathway: Technical Level Marketing Pathway: Technical Level (must also take Graphic Design II for pathway)
Description:	Students will gain a better understanding of Graphic Design through the concepts of typography, color theory, and composition. This is an intro class that will prepare students for other classes such as Graphic Design and Publishing. Students who are interested in graphic arts should take this class.

GRAPHIC DESIGN II

Length	1 Semester
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Successful completion of Graphic Design I
Summer Work	No
Additional requirements	Students can receive a fine arts credit
Course Video/Flyer	https://www.youtube.com/watch?v=XPd8l7J11IQ&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=6
Pathway	A/V Communication Pathway: Technical Level Marketing Pathway: Technical Level (must also take Graphic Design I for pathway)
Description:	Graphic design is the art of communication, stylizing, and problem-solving through the use of type, space, and image. Students will create a variety of projects such as logos, magazine/book covers, print advertisements, posters, comic books, billboards, website graphics and elements, signs and product packaging. Students will create a variety of work that may be used by businesses or USD 469. Students who are interested in graphic arts should take this class.

BROADCASTING/SPORTS BROADCASTING

Length	1 Semester
Grade(s)	10/11/12
Fee Description	No fee, but students will need to have their own headphones, class 10 SD Memory card
Prerequisites	Successful completion of Business Essentials AND Audio/Video Production Fundamentals
Summer Work	No
Additional requirements	Complete application process Students can receive a fine arts credit
Course Video/Flyer	https://www.youtube.com/watch?v=wTUiVreCUPE&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=4&t=1s
Pathway	A/V Communication Pathway: Application Level
Description:	Students will gain an understanding of creating/editing and producing videos. The class is focused around creating the LHS school news. Students will gain the skills in anchoring, filming, editing, and producing the school news. This class would interest students who would like a future in broadcasting or would like to see themselves on the school news. Must be able to work in groups, be responsible for equipment, able to work without direct supervision while out capturing footage.

VIDEO PRODUCTION

Length	1 Semester
Grade(s)	10/11/12
Fee Description	No fee, but students will need to have their own headphones, class 10 SD Memory card
Prerequisites	Successful completion of Business Essentials AND Audio/Video Production Fundamentals
Summer Work	No
Additional requirements	Complete application process Students can receive a fine arts credit
Course Video/Flyer	https://www.youtube.com/watch?v=YOfI3Miiet8&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=4
Pathway	A/V Communication Pathway: Application Level
Description: Students will build upon the concepts learned in Broadcasting but will also explore independently/team on a variety of assignments such as segments, short films, documentaries, music videos, and other school related events. Some out of school work may be required. This class should be taken by anyone interested in a career in film making/TV. Students will create a variety of work that may be entered into contests/competitions.	

YEARBOOK

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	21 st Century Journalism, Photo Imaging
Summer Work	May require some organizational meetings to start selling books prior to school starting
Additional requirements	Complete application process
Course Video/Flyer	n/a
Pathway	A/V Communication Pathway: Application Level
Description: This course entails selling advertisements, planning the yearbook, merchandising the yearbook, and preparing all pictures and layouts for publication. The student receives an overall view of journalism with special emphases on organization, writing, layout and photography. Students become adept at using the e-Design programs. Students are required to complete an application form and submit it to the yearbook instructor who interviews all applicants and selects the staff members. Students selected for yearbook may serve on the staff during their sophomore, junior and/or senior years if prerequisites are met. Students selected for the staff are required to spend many hours before and after school working on the publication. Students must be available to attend a work night after school approximately one week before publication deadlines. The students will produce the school yearbook. Time requirements include after school, attending school activities, and meeting all deadlines. *Editors and/or Assistant Editors are also required to enroll in Journalism Leadership Lab for the whole year.	

ONLINE JOURNALISM

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Business Essentials, 21 st Century Journalism OR Photo Imaging
Summer Work	None
Additional requirements	Complete application process
Course Video/Flyer	n/a
Pathway	n/a
Description: Online Journalism will provide students with the opportunity to apply the fundamental techniques learned in Digital Media Technology courses through the production of a multi-media project for public presentation. Topics include developing a production schedule, working as a team, utilizing composition principles and embedding audio, video or other content in digital formats. Students selected for this class are required to meet project deadlines which will require some time before and/or after school to attend school events and athletic events. *Editors and/or Assistant Editors are required to enroll in Journalism Leadership Lab for the whole year.	

JOURNALISM LEADERSHIP LAB

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Must be enrolled in Broadcasting, Yearbook OR Online Journalism
Summer Work	None
Additional requirements	Complete application process
Course Video/Flyer	n/a
Pathway	A/V Communication Pathway: Technical Level
Description: Online Journalism will provide students with the opportunity to apply the fundamental techniques learned in Digital Media Technology courses through the production of a multi-media project for public presentation. Topics include developing a production schedule, working as a team, utilizing composition principles and embedding audio, video or other content in digital formats. Students selected for this class are required to meet project deadlines which will require some time before and/or after school to attend school events and athletic events. *Editors and/or Assistant Editors are required to enroll in Journalism Leadership Lab for the whole year.	

INTRODUCTION TO AGRICULTURE

Length	1 Year
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Pathway	Natural Resources & Environmental Systems Pathway: Introductory Level
Description: This course will survey a wide array of topics within the agricultural industry, exposing students to the many and varied types of agriculture and livestock career opportunities and to those in related fields (such as natural resources). These courses serve to introduce students to the agricultural field, providing them an opportunity to identify an area for continued study or to determine that their interest lies elsewhere. They often focus on developing communication skills, business principles, and leadership skills.	

NATURAL RESOURCES MANAGEMENT

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Successful completion of Introduction to Agriculture
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Pathway	Natural Resources & Environmental Systems Pathway: Technical Level
Description: This course combines the fields of ecology and conservation with planning for the efficient use and preservation of land, water, wildlife, and forests. Within the general area of natural resources management, these courses usually cover specific topics and uses, such as hunting or fishing preserves, forest production and management, wildlife preservation, and human outdoor recreation.	

ENVIRONMENTAL RESOURCES & WILDLIFE SCIENCES

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Successful completion of Introduction to Agriculture
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Pathway	Natural Resources & Environmental Systems Pathway: Technical Level
Description: This course combines the fields of ecology and conservation with planning for the efficient use and preservation of land, water, wildlife, and forests. Within the general area of natural resources management, these courses usually cover specific topics and uses, such as hunting or fishing preserves, forest production and management, wildlife preservation, and human outdoor recreation.	

INTRO TO ENGINEERING

Length	1 Year
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	None
Additional requirements	None
Course Video/Flyer	https://www.youtube.com/watch?v=ZocNSZMXMV0&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5Aa_vVPnfz&index=14
Pathway	Engineering & Applied Mathematics Pathway: Introductory Level
Description: This course is designed to introduce students to concepts in Engineering with a focus on Science, Technology, Engineering & Math; including units on safety and tools, computer use, design, automation, robotics, space, flight, and electricity.	

ROBOTICS

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Chemistry OR Intro to Engineering
Summer Work	None
Additional requirements	None
Course Video/Flyer	https://www.youtube.com/watch?v=i8kUH_FW4jA&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavV_Pnfz&index=15
Pathway	Engineering & Applied Mathematics Pathway: Technical Level
Description: This course will develop and expand students' skills and knowledge so that they can design and develop robotic devices. Topics covered in the course may include mechanics, electrical and motor controls, pneumatics, computer basics, and programmable logic controllers.	

ENGINEERING DESIGN & DEVELOPMENT

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Chemistry OR Intro to Engineering AND Robotics OR Drafting
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Pathway	Engineering & Applied Mathematics Pathway: Application Level
Description: This engineering research course offers students the opportunity to work individually and in teams to design and develop original solutions to real-world technical problems. Students will identify a problem, or problems, research the problem thoroughly, develop possible solutions to the problem(s), then develop and test prototypes that solve the identified problem(s).	

TEACHING AS A CAREER

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Career & Life Planning OR Instructor approval
Summer Work	None
Additional requirements	None
Course Video/Flyer	https://www.youtube.com/watch?v=VaaV63SWCel&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=19
Pathway	Teaching/Training Pathway: Technical Level
Description: This year long technical level course is designed to introduce students to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. This course will introduce students to broad topics in education and train them in classroom management, student behavior, leadership and human relations skills, assessment of student progress, teaching strategies, and various career opportunities in the field of education.	

TEACHING INTERNSHIP

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Teaching as a Career
Summer Work	None
Additional requirements	None
Course Video/Flyer	https://www.youtube.com/watch?v=lp7iancwEKs&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=20
Pathway	Teaching/Training Pathway: Application Level
Description: This year long educational methodology course prepares students to teach and guide others. This course provides opportunities for students to develop their own teaching objectives, to design lesson plans, and to experience teaching in a controlled environment. Students examine and practice teaching strategies, learning styles, time management and planning strategies, presentation and questioning skills, classroom management, and evaluation techniques.	

EDUCATION RESEARCH & INNOVATION

Length	1 Year
Grade(s)	12
Fee Description	None
Prerequisites	Successful completion of Teaching as a Career AND Teaching Internship
Summer Work	None
Additional requirements	None
Course Video/Flyer	https://www.youtube.com/watch?v=lp7iancwEKs&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=20
Pathway	Teaching/Training Pathway: Technical Level
Description: Teaching and training students will collaborate with a teacher in-district to examine innovative practices and use of data to advance the development of children, youth, and adults in education and training settings.	

TEACHING OBSERVATION

Length	1 Semester
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Teaching as a Career OR concurrent enrollment
Summer Work	None
Additional requirements	None
Course Video/Flyer	https://www.youtube.com/watch?v=lp7iancwEKs&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=20
Pathway	Teaching/Training Pathway: Technical Level
Description: Teaching and training students will observe a teacher in-district, interacting with students in small-group instruction, in order to analyze knowledge, skills, and practices required for success in K-12 teaching, community/adult education and workforce training careers.	

INTRODUCTION TO LAW, PUBLIC SAFETY & SECURITY

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	None
Additional requirements	None
Course Video/Flyer	n/a
Pathway	Emergency & Fire Management Pathway: Introductory Level
Description: This introductory course is designed to provide students with knowledge of occupations available in the Law, Public Safety and Security fields (including law, law enforcement, EMT, Corrections Officer) and introduce them to the legal system, professional conduct, safety, and types of crime.	

FIRE SCIENCE

Length	1 Year
Grade(s)	12
Fee Description	Based on KCKCC fees
Prerequisites	Must apply to KCKCC Tech school
Summer Work	None
Additional requirements	n/a
Course Video/Flyer	n/a
Pathway	Emergency & Fire Management Pathway: Technical Level
Description: Students will attend KCKCC Technical Education Center for this program	

World Language Department

Graduation Requirements:	n/a
Board of Regents College Preparatory Curriculum:	Two units in the same language is recommended
Notes:	n/a

SPANISH I

Length	1 Year
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	None
Additional requirements	n/a
Course Video/Flyer	n/a
Pathway	n/a
Description: Spanish I students are introduced to Spanish language and culture through listening, speaking, reading and writing activities. Students begin preparation for college and career readiness. Daily practice outside of class is expected.	

SPANISH II

Length	1 Year
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Successful completion of Spanish I OR consent of the instructor
Summer Work	None
Additional requirements	n/a
Course Video/Flyer	n/a
Pathway	n/a
Description: Spanish II students will continue exploring Spanish language and culture. Students deepen and expand skills in listening, speaking, reading and writing activities. Students continue to explore college and career options. Daily practice outside of class is expected.	

SPANISH III

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Successful completion of Spanish II OR consent of the instructor
Summer Work	None
Additional requirements	n/a
Course Video/Flyer	n/a
Pathway	n/a
Description: Students will deepen and broaden their understanding of Spanish language and culture. At this level students refine their college and career readiness skills and focus on using Spanish daily. Daily practice outside of class is expected.	

SPANISH IV

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Spanish III OR consent of the instructor
Summer Work	None
Additional requirements	n/a
Course Video/Flyer	n/a
Pathway	n/a
Description: Students refine their Spanish skills in listening, speaking, reading and writing tempered with culture. This course is a precursor to Spanish V (college and career emphasis), AP Spanish Literature and AP Spanish Language. Successful completion of this course enhances students' success in a global society. Daily homework, more reading assignments, and some essays are expected in and out of class.	

FRENCH I

Length	1 Year
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None
Summer Work	None
Additional requirements	n/a
Course Video/Flyer	https://www.youtube.com/watch?v=pXAcDTpe5KM&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=22&t=0s; https://www.youtube.com/watch?v=pXAcDTpe5KM&list=PLD6fmdvYhXqz4x_VzJJ0u8aT5AavVPnfz&index=23
Pathway	n/a
Description: French I is an introduction to the French language with primary importance placed on the skills of listening, reading, speaking, writing, and cultural understanding. Students will have the opportunity to become familiar with life in France through culture studies in school life, family life, shopping, and eating as well as other Francophone countries. At the end of this course, students will have basic skills to converse in French.	

FRENCH II

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	Successful completion of French I OR Consent of instructor
Summer Work	None
Additional requirements	n/a
Course Video/Flyer	https://drive.google.com/file/d/1H0qUdrN_FPTNBd7Bu9MYHfy6kYVVXJ58/view?usp=drive_w eb
Pathway	n/a
Description: This course is a continuation of French I with further development of students' skills of speaking, listening, and writing. Students will make connections between Francophone culture and their own life through studies of healthy life practices, art, food, holidays and travel. Communication opportunities will be opened through new grammar structures and tenses. At the end of this course, students will be able to communicate and have conversations in French.	

FRENCH III

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of French II OR Consent of instructor
Summer Work	None
Additional requirements	n/a
Course Video/Flyer	https://drive.google.com/file/d/1lj4bGvXNRPRXFpW5iK0Kbn-rJkA1cA7i/view?usp=drive_web
Pathway	n/a
Description: French III students will review grammar concepts from the previous course and will introduce new more complicated structures. All five language skill areas--reading, writing, listening, speaking, and culture study--will be addressed. Culture study focuses on Francophone life and history. At the end of this course, students will be able to communicate and have conversations in French. Completion of this course will give students the possibility to earn placement in a higher-level course at the University level.	

FRENCH IV

Length	1 Year
Grade(s)	12
Fee Description	None
Prerequisites	Successful completion of French III OR Consent of instructor
Summer Work	None
Additional requirements	n/a
Course Video/Flyer	https://drive.google.com/file/d/1lj4bGvXNRPRXFpW5iK0Kbn-rJkA1cA7i/view?usp=drive_web
Pathway	n/a
Description: French IV students will review grammar concepts from the previous course and will introduce new, more complicated structures. All five language skill areas—reading, writing, listening, speaking and culture study—will be addressed. Culture study focuses on Francophone life and history. At the end of this course, students will be able to communicate and have conversations in French. Completion of this class will give students the possibility to earn placement in a higher-level course at the university level.	