

LANSING HIGH SCHOOL

Course Book



2024-2025

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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 school.

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 *3.0 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. *Students must obtain 1.0 credit of World History, 1.0 credit of American History & 1 credit of American Government
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	1.0 credit	1 semester of Health and 1 semester from the following: Elective Physical Education-Team Sports, Lifetime Fitness-Individual Sports, Physical Fitness-Walking, Strength & Conditioning I, Unified PE (teacher recommendation required)
Oral Communications	0.5 credit	Skills in Communication, Competitive Debate, Competitive Speech & Drama
Career Tech Ed.	0.5 credit	The following classes meet the Career Tech Ed requirement: Business Essentials, 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: Theatre Production, Acting, Technical Theatre, Repertory Theatre, Graphic Design I, II, Photo Imaging, Broadcasting, Movie Making Basics, Advanced Movie Making, any vocal music, instrumental music, History of Popular Music, Music It's Entertainment, Music in the Media & Cinema, Art Appreciation, Introduction to Drawing, 2-D Art, Art Portfolio; Debate, and/ or Competitive Speech & Drama can be counted if Oral Communications credit has been fulfilled.
*Financial Literacy	0.5 credit	Financial Literacy
*STEM elective	0.5 credit	The following classes meet the STEM requirement: Applied Business Development, Intro to Banking, Investing, School Businesses, Career Connections, Robotics, Engineering Design & Development, Broadcasting/The Roar, Advanced Movie Making, Commercial Drafting, Research & Design for Pre-Construction, Teaching Internship, Lion Leaders/Peer Mentors. The following Math & Science classes count if it is the 4 th year: Business Math, College Algebra, Pre-Calculus, AP Statistics, AP Calculus, Environmental Resources & Wildlife Sciences, AP Chemistry, Human Anatomy & Physiology, Intro to Forensic Science, Human Body Systems, AP Biology, Physics, Physics, AP Physics I, AP Physics II.
Electives	6.5 credits *6.0credits	
*Post-Secondary Assets	Students must acquire a minimum of two post-secondary assets before graduating	The following is a list of the acceptable post-secondary assets: <ul style="list-style-type: none"> • Youth Apprenticeships • 40 or more Community Service hours • Client-centered Projects • Workplace learning experience directly related to a student's IPS • Industry-Recognized Certifications

<p>*Post-Secondary Assets (Continued)</p>		<ul style="list-style-type: none"> • Seal of Biliiteracy • ACT Composite (Score of 21 or higher) • WorkKeys Level (Silver or higher) • 9+ College hours • State Assessment scores of 3 or 4 for Math, ELA, Science (demonstrating College Readiness) • ASVAB per requirements of military branch selected • SAT score (1200 or higher) • Completing Board of Regents Curriculum • International Bacculaureate Exam (4+) • Advanced Placement Exam (3+) • CTE Scholar • Eagle Scout or Gold Scout • 4-H Kansas Key Award • Two or more high school athletics/activities • • JROTC • 90% attendance in high school • Senior Exit Interview/Senior Projects
<p>Total</p>	<p>23 credits</p>	

***Starting with the class of 2028**

KANSAS BOARD OF REGENTS QUALIFIED ADMISSIONS REQUIREMENTS

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

<ul style="list-style-type: none"> Cumulative High School GPA of 2.25 or higher OR ACT composite score of 21+ (SAT 1060)
<ul style="list-style-type: none"> AND, if applicable Cumulative GPA 2.0+ for College Credit earned in High School
An admissions review committee will review, on a case-by-case basis, the applications of students who do not meet the above criteria.

Kansas State University AND The University of Kansas General Admission Requirements

To qualify for admission to KSU OR 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"> A cumulative high school GPA (weighted or unweighted) of 3.25 or higher OR
<ul style="list-style-type: none"> ACT composite score of 21, or an SAT ERW+M score of 1060 or higher
<ul style="list-style-type: none"> AND, if applicable Cumulative GPA 2.0+ for College Credit earned in High School
An admissions review committee will review, on a case-by-case basis, the applications of students who do not meet the above criteria.

Pittsburg State University General Admission Requirements

To qualify for admission to PSU 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"> A 2.0 cumulative GPA on a 4.0 scale, AND ONE of the following
<ul style="list-style-type: none"> An ACT score of at least 21 OR rank in the top 1/3 of their graduating class

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: College Algebra, Pre-Calculus, AP Calculus, AP Statistics
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 from the following: World History, World Geography, or International Relations; and one unit selected from: Psychology, Economics, U.S. Government, U.S. History, Current Social 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:

<p>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.</p>	<ul style="list-style-type: none"> • 4 years of English • 3 years of math (Algebra I or higher) • 2 years of science (including 1 yr. of lab science) • 1 additional year of English, math, or science • 2 years of social science • 4 additional years of English, math, science, social science, foreign language, non-doctrinal religion or philosophy
<p>Complete 10 core courses in the right areas AND earn at least a 2.3 GPA in the core courses.</p>	<ul style="list-style-type: none"> • Complete 10 of your 16 NCAA-approved core-course credits, including 7 in English, math, or science BEFORE the start of your 7th semester. • Complete your 16 NCAA-approved core-course credits in 8 academic semesters or 4 consecutive academic years from the start of ninth grade
<p>Register with the NCAA Eligibility Center</p>	<p>http://www.eligibilitycenter.org</p>

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.

<p>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. Earn at least a 2.2 GPA in your core courses.</p>	<ul style="list-style-type: none"> • 3 years of English • 2 years of math (Algebra I or higher) • 2 years of science (including 1 yr. of lab science) • 3 additional years of English, math, or science • 2 years of social science • 4 additional years of English, math, science, social science, foreign language, non-doctrinal religion or philosophy
<p>Register with the NCAA Eligibility Center</p>	<p>http://www.eligibilitycenter.org</p>

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 students 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 introduction, demonstration, research-based presentation, argumentation, and oration. Coursework will address 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.
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 College credit available through dual enrollment AND/OR through AP Exam)

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 faculty 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 LITERATURE & COMPOSITION (Merit Course and College credit available through dual enrollment AND/OR through AP Exam)

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
<p>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.</p> <p>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.</p>	

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
<p>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.</p>	

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
<p>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.</p>	

Mathematics Department

Graduation Requirements:	3 units (1 unit must be Geometry)
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 & dual credit available through dual enrollment)

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 & dual credit available through dual enrollment)

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 and College credit available through dual enrollment AND/OR through AP Exam)

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-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 and College credit available through dual enrollment AND/OR through AP Exam)

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 meet the requirements of college level Calculus I and AP Calculus AB. Topics include limits, continuity, derivatives, application of derivatives, differential equations, the definite integral and application of integration. Nightly homework must be completed for success in class. Students are highly recommended to recommended to have a TI-84+ graphing calculator. Students may take the AP Calculus AB test in May.	

Science Department

Graduation Requirements:	3 units (1 unit must be Biology)
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 Environmental Science A
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 & college credit available through AP exam)

Length	1 Year
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of Chemistry Enrichment 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>	

AP BIOLOGY (Merit course & college credit available through AP exam)

Length	1 YEAR
Grade(s)	11/12
Fee Description	None
Prerequisites	Biology Enrichment OR Biology (with teacher approval)
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
<p>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.</p>	

AP PHYSICS 1 (Merit course & college credit available through AP exam)

Length	1 YEAR
Grade(s)	11/12
Fee Description	None
Prerequisites	Successful completion of College Algebra OR Pre-Calculus
Summer Work	No
Additional requirements	A graphing calculator is required for tests & quizzes.
Course Video/Flyer	n/a
Pathway	n/a
Description: AP Physics 1 is an Algebra (with trigonometry) based physics course. The goal of AP Physics 1 is to help students develop a deep understanding of the foundational principles that shape classical mechanics. By confronting complex physical situations or scenarios, the course is designed to enable students to develop the ability to reason about physical phenomena using important science practices, such as explaining relationships, applying and justifying the use of mathematical routines, designing experiments, analyzing data, and making connections across multiple topics with the course.	

AP PHYSICS 2 (Merit course & college credit available through AP exam)

Length	1 YEAR
Grade(s)	11/12
Fee Description	None
Prerequisites	AP Physics 1 or Physics AND either College Algebra, Algebra II or Pre-Calculus
Summer Work	No
Additional requirements	A graphing calculator is required for tests & quizzes.
Course Video/Flyer	n/a
Pathway	n/a
Description: AP Physics 2 is an Algebra (with trigonometry) based physics course. This course would represent a second year of advanced physics covering a variety of topics related to engineering and physics degrees.	

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) *Starting with the class of 2028: 3 units (1 unit must be World History/AP European History, 1 unit must be American History/AP US History, ½ unit (1 semester) of American Government/AP Government
Notes:	World History or AP European History (9 th /10 th grade), American History or AP US History (10 th /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)	9/10
Fee Description	None
Prerequisites	None
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 (Merit course & college credit available through AP exam)

Length	1 Year
Grade(s)	9/10
Fee Description	None
Prerequisites	Successful completion of Civics & Geography
Summer Work	Yes
Additional requirements	No
Course Video/Flyer	https://www.youtube.com/watch?v=uhS1qelRF5U&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 & college credit available through AP exam)

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 (Merit course & college credit available through AP exam)

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.	

CONTEMPORARY U.S. ISSUES

Length	1 Semester
Grade(s)	12
Fee Description	None
Prerequisites	Successful completion of World History & American History with a B or better
Summer Work	None
Additional requirements	n/a
Course Video/Flyer	n/a
Pathway	n/a
Description: This course will cover four decades; 1980's, 1990's, 2000's, and 2010's. This course of study begins with a review of the major ideas, issues, and events of the late 20 th century and early 21 st century, including Reaganomics, Cold War, War on terrorism, 9-11, Desert Storm, and Climate change. Students will then concentrate on the critical events, people, groups, ideas, and issues of the period from 1968 to the present and the Modern World including the presidencies from Nixon to Trump, and the United States' response to globalization and international crises. The course should be rigorous and relevant, with instruction that integrates thinking skills, historical processes, and content so that students are able to apply the learning to their own lives. Instruction should include the integration of concepts and principles from history, economics, geography, civics, and the humanities. Student expectations include full participation in class discussions, readings, and the ability to synthesize content knowledge into original ideas and presenting those to class.	

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
<p>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.</p>	

ECONOMICS (Elective) **Only offered if there is enough interest**

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
<p>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.</p>	

Fine Arts Department

Graduation Requirements:	1 unit from the following
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.	

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.	

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 introductory drawing class. 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.	

2-D ART

Length	1 semester
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)	11/12
Fee Description	
Prerequisites	2-D Art
Summer Work	No
Additional requirements	n/a
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 its 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.	

THEATRE PRODUCTION (previously Intro 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: Theatre Production provides opportunities for students to explore theatrical skills and techniques (improvisation, characterization, script analysis, etc.) Theatre Production will cover all the theatre basics, including a first look at both the acting and technical aspects of theatre. You will get to explore the theatre space, become familiar with the different crews, and experiment with producing your own short scenes. Students in Theatre Production 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 Theatre Production
Summer Work	No
Additional requirements	Required to attend one theatrical performance outside of school hours
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. Students enrolled in Acting are required to attend one theatrical performance outside of school hours	

TECHNICAL THEATRE

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Successful completion of Theatre Production
Summer Work	No
Additional requirements	Required to attend one theatrical performance outside of school hours
Course Video/Flyer	n/a
Pathway	n/a
<p>Description: Technical 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 Theatre Department. Technical Theatre can be taken more than once with instructor approval. Students are required to help with the respective semester mainstage production which may require out of class time to complete graded tasks. Students enrolled in Tech. Theatre are required to attend one theatrical performance outside of school hours.</p>	

REPERTORY THEATRE

Length	1 Semester
Grade(s)	10/11/12
Fee Description	\$25
Prerequisites	Must audition
Summer Work	No
Additional requirements	Out-of-class time required
Course Video/Flyer	n/a
Pathway	n/a
<p>Description: Repertory Theatre is a select group of students that will be introduced to the production process of a theatre company. In addition, students will prepare audition monologues to be used for college auditions and develop a professional resume as well as explore career opportunities post high school. Audition or teacher recommendation is required for this course. Out-of-class time is required for production experience and performances. Repertory students will have the opportunity to compete at the state level for Kansas Thespians as well as KSHSAA. Repertory Theatre can be taken more than once.</p>	

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
<p>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.</p>	

MOVIE MAKING BASICS

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	None
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	None
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)	9/10/11/12
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=XPD8I7J11IQ&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 using 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 (The Roar)

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
Prerequisites	Movie Making Basics
Summer Work	No
Additional requirements	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.

ADVANCED MOVIE MAKING

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	Movie Making Basics
Summer Work	No
Additional requirements	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 Movie Making Basics and will also explore independently/team on a variety of assignments such as TV segments, short films, documentaries, music videos, and other school related media. Some out of school work may be required. This class should be taken by anyone interested in a career in film making, TV, mass communications, or any media-based field. Students will create a variety of work that may be entered into contests/competitions.

Physical Education Department

Graduation Requirements:	½ unit of health AND a ½ unit from the following: Elective Physical Education-Team Sports, Lifetime Fitness-Individual Sports, Physical Fitness-Walking, Strength & Conditioning I, Unified PE (teacher recommendation required)
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.

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 everyone, depending on the topic.	

ELECTIVE PHYSICAL EDUCATION-TEAM SPORTS

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None (if repeating must have teacher approval)
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: This course is designed to enhance personal and social skills in the context of team sports. Students will learn skill development, class organizational principles, and competition strategies, as well as rules, etiquette and history associated with team sports such as basketball, volleyball, soccer, softball, team handball, and different types of football. Teamwork, sportsmanship, and safety are emphasized. Students will be tested on rules and skill acquisition as well as daily participation and the ability to work with other students as a team. There will be a written midterm and final which will cover rules and principles associated with this course. Students are required to dress out for this class daily.	

LIFETIME FITNESS-INDIVIDUAL SPORTS

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None (if repeating must have teacher approval)
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a
Description: This course is designed to enhance personal and social skills in the context of individual and dual sports. Students will learn skill development, class organizational principles, and competition strategies as well as rules, etiquette, and history associated with individual and dual sports such as pickleball, badminton, tennis, frisbee golf, and various recreational/yard games. Teamwork, sportsmanship, and safety are emphasized. Students are tested on rules and skill acquisition as well as daily participation and the ability to work with other students. There will be a written midterm and final which will cover rules and principles associated with this course. Students are required to dress out for this class daily.	

PHYSICAL FITNESS-WALKING

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None (if repeating must have teacher approval)
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a

Description: The purpose of this course is to assist the student in the improvement of their cardiovascular fitness through walking. This course also seeks to increase the student's knowledge of training methods so they may develop their own programs. There will be an emphasis on stretching, conditioning exercises, fluid needs, and injury prevention. Upon completion, students should be able to participate in a recreational walking program. Students' progress will be monitored and analyzed throughout the course. Students will be required to keep a walking log and submit it weekly to the instructor. Heart rate, total steps and intensity will be recorded. There will be a written midterm and final which will cover fitness and wellness principles associated with this course. There is NO requirement to dress out for this class.

STRENGTH AND CONDITIONING I

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	None (if repeating must have teacher approval)
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a

Description: This course is for beginning levels designed to learn the fitness skills associated with lifting weights. This 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. There will be a written midterm and final which will cover lifting and spotting principles and student's improved max scores throughout the semester. Students are required to dress out for this class daily.

STRENGTH AND CONDITIONING II

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Strength I or Teacher approval (if repeating must have teacher approval)
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	n/a

Description: This course is designed to further enhance the fitness skills learned in Strength & Conditioning I. The weightlifting class will focus on human anatomy, strength building, muscle toning and growth, flexibility, cardiovascular endurance, and speed agility movements. Students will participate in a rigorous sports performance routine throughout the semester 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. There will be a written midterm and final which will cover lifting and spotting principles and student's improved max scores throughout the semester. Students are required to dress out daily.

Career & Technical Education

Graduation Requirements:	½ unit of any Introductory Level Course
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	None
Description	<i>FCCLA Membership fee \$25 paid by Dec. 1st (optional)</i>
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 is a semester-long course (.5 elective credit) that will introduce students to the skills and strategies needed to be focused, productive individuals. Emphasis is placed on goal setting, decision making, time & personal management. Development of workplace skills, knowledge and attitudes needed to be successful in various career, community, and family settings will be incorporated throughout this course. <i>(optional) FCCLA Membership fee \$25 paid by Dec. 1</i>	

CULINARY ESSENTIALS

Length	1 Semester
Grade(s)	9/10/11/12
Fee	Students are required to pay the \$25 participation fee
Description	Students can pay the optional \$25 fee for FCCLA or DECA
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: The Culinary Essentials course provides students with knowledge and skills related to commercial and institutional food service establishments. Course topics include career pathways, employability skills, sanitation and safety procedures, measurements, tools and equipment, food preparation and production. Students must pass a Safety Test with 85% and an Equipment and Measurement Test with 75% or better before labs begin and must maintain a C to participate in labs. This course supports FCCLA and DECA Career and Technical Student Organizations.	

CULINARY ARTS I

Length	1 Year
Grade(s)	10/11/12
Fee Description	Students are required to pay the \$50 per semester participation fee Students can pay the optional \$25 fee for FCCLA or DECA
Prerequisites	Successful completion of Culinary Essentials
Summer Work	No
Additional requirements	No
Course Video/Flyer	n/a
Pathway	Restaurant & Event Management Pathway: Technical Level
Description: This course integrates the knowledge, skills and practices required for careers in the restaurant industry. Topics include safety and sanitation, menu management, use of commercial tools and equipment, food production, culinary math, restaurant management principles, and career readiness practice. Students must pass a Safety Test with 85% or better to participate in labs. Students will also earn their National Restaurant Association's SERV Safe Manager Certification in this course. This course supports FCCLA and DECA Career and Technical Student Organizations.	

CULINARY ARTS II

Length	1 Semester
Grade(s)	11/12
Fee Description	None Students can pay the optional \$25 fee for FCCLA or DECA
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
Description: Culinary Arts II builds upon 16053 Culinary Arts I course by expanding student knowledge, skills, and practices. Whereas Culinary Arts I focused on beginning culinary skill development, Culinary Arts II expands those skills and adds topics such as nutrition and food service management. Students must pass a Safety Test with 85% or better to participate in labs. This course supports FCCLA and DECA Career and Technical Student Organizations.	

FAMILY LIVING

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None <i>FCCLA Membership fee \$25 paid by Dec. 1 (OPTIONAL)</i>
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: The Family Studies course explores the roles and responsibilities of parents such as how society, media, technology, and diversity impact their ability to balance work and family. It also includes the development of children and parents as their earliest teacher. Parenting styles and family stages are explored as is the changing demographics which will change the face of the US family. Parenting and behavior guidance skills are strengthened through a study of positive family relationships, child abuse and neglect, safety, and health practices. Occupations related to meeting the needs of families will be analyzed. This course will promote the creation of healthy and sustainable families be they their own or those they work with. <i>(optional) FCCLA Membership fee \$25 paid by Dec. 1</i>	

CHILD DEVELOPMENT-The Early Years (pregnancy/birth-5 years)

Length	1 Semester
Grade(s)	9/10/11/12
Fee Description	None <i>FCCLA Membership fee \$25 paid by Dec. 1 (OPTIONAL)</i>
Prerequisites	Successful completion of Career Life Planning. Recommended Family Studies
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: Human Growth and Development – The Early Years provides students with knowledge about the physical, intellectual, emotional, and social growth (PIES) and development of children. Course content will provide an overview of life stages from prenatal and birth processes and fundamentals of children’s milestone development during the early years. <i>(optional) FCCLA Membership fee \$25 paid by Dec. 1</i>	

PEERS IN LEARNING-EDUCATIONAL LEADERSHIP & TRAINING A

Length	1st Semester
Grade(s)	11/12
Fee Description	None <i>FCCLA Membership fee \$25 paid by Dec. 1 (OPTIONAL)</i>
Prerequisites	Previously passed Career Life Planning
Summer Work	No
Additional requirements	n/a
Course Video/Flyer	n/a
Pathway	Teaching & Training Pathway: Technical Level
Description: This semester-long course is designed to benefit students seeking careers in education, human services, training, instructional design, counseling, social work, art/music therapy, speech & language pathology, English Language Learners (ELL), and healthcare related fields. Within the classroom setting students would peer model appropriate academic and social/emotional behaviors for students with disabilities. Students will be on a mentoring assignment 3 out of 4 days per week at LHS. Students will be able to practice knowledge, technical skills and practices required of leaders, mentors, coaches/advisors and trainers within education and training settings.	

LION LEADERS OR PEER MENTOR-EDUCATIONAL LEADERSHIP & TRAINING B

Length	2nd Semester
Grade(s)	11/12
Fee Description	None <i>FCCLA Membership fee \$25 paid by Dec. 1 (OPTIONAL)</i>
Prerequisites	ONE of the following courses plus an enrollment interest application completed prior to enrollment. Child Development, Family Living OR Peers in Learning
Summer Work	No
Additional requirements	n/a
Course Video/Flyer	n/a
Pathway	Teaching & Training Pathway: Application Level
Description: This semester-long course is designed to benefit students seeking careers in coaching, training, instructional design, education, counseling, social work, art/music therapy, speech & language pathology, and healthcare related fields. Within the classroom setting students would peer model appropriate academic and social/emotional behaviors for students of all abilities and age groups. Students will be matched with district teachers 1-2 periods per day based on interest application and schedule availability.	

CAREER CONNECTIONS

Length	1 Semester
Grade(s)	11/12
Fee Description	None Students can pay the optional \$25 fee for FCCLA or DECA
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: Career Connections provides human services/family and consumer sciences related work-based learning experiences (paid or unpaid) outside the traditional classroom. Learning goals are set by the student, teacher, and employer/adult mentor to create field experiences and/or discussions related to human services/ family and consumer sciences occupational technical skills. **This course has a pre-requisite of a 1.0 credit within Human Services Cluster Pathways courses. This course supports FCCLA and DECA Career and Technical Student Organizations.	

EVENT PLANNING & MANAGEMENT

Length	1 Semester
Grade(s)	10/11/12
Fee Description	None Students can pay the optional \$25 fee for FCCLA or DECA
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 implementation process. It will include establishing client relationships, the importance of communication, planning process, resource management, quality service and staffing issues. Students will plan school and community-based events, from marketing to food preparation to service. This course is perfect for potential chefs, business owners, wedding planners, party planners, hotel managers, bed & breakfast owners, and more. This course supports FCCLA and DECA Career and Technical Student Organizations.	

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 a cabinet first semester and a table second semester. Topics to be covered are safety, mass production, cabinet construction, and basic furniture construction. Student projects are expected to be of a level higher than what was expected in Intro to Woodworking.	

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: Students will be introduced to computer aided drafting and 3D modeling software. Both Mechanical and Architectural software will be introduced. Algebra I is recommended	

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 Residential Architecture 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)	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 Residential Drafting. Students will be introduced to Commercial Architecture and will use problem solving skills to design a repurposed commercial building into a usable space (Brownfield Construction) in the first semester and develop a new project on designated land (Greenfield Construction). Engineering topics will include structural load, storm water runoff, and water supply calculations.	

RESEARCH & DESIGN FOR PRE-CONSTRUCTION

Length	1 Year
Grade(s)	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	Varies depending on the size of selected projects. \$40 minimum per semester
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 BUSINESSES

Length	1 Semester
Grade(s)	10/11/12
Fee Description	None
Prerequisites	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 Businesses, 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)	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=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)	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 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
<p>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.</p>	

INTRODUCTION 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
<p>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.</p>	

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
<p>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 scripts for database access, transfer methods, and networking fundamentals.</p>	

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 Computer Programming
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.	

MOVIE MAKING BASICS

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	None
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	None
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)	9/10/11/12
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=XPD8I7J11IQ&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 (The Roar)

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
Prerequisites	Movie Making Basics
Summer Work	No
Additional requirements	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.	

ADVANCED MOVIE MAKING

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
Prerequisites	Basic Movie Making
Summer Work	No
Additional requirements	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 Movie Making Basics and will also explore independently/team on a variety of assignments such as TV segments, short films, documentaries, music videos, and other school related media. Some out of school work may be required. This class should be taken by anyone interested in a career in film making, TV, mass communications, or any media-based field. 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
<p>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.</p>	

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
<p>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.</p>	

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
<p>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.</p>	

INTRODUCTION 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_VzJJ0u8aT5AavVPnfz&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_VzJJ0u8aT5AavVPnfz&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=Ip7iancwEKs&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=Ip7iancwEKs&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.	

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_web
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.	

AMERICAN SIGN LANGUAGE 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: This course is an introductory course to American Sign Language (ASL) that establishes a novice range of communication skills. Students learn how to communicate about themselves, and others related to everyday life. This course emphasizes the cultural practices distinct to those that approach the world from a visual perspective. Topics include historical events that have impacted the language and culture of the Deaf/HH community; the district cultural practices; and the comparison of language features. To promote language proficiency, much of this class is taught in ASL.	

AMERICAN SIGN LANGUAGE II

Length	1 Year
Grade(s)	10/11/12
Fee Description	None
Prerequisites	American Sign Language I
Summer Work	None
Additional requirements	n/a
Course Video/Flyer	n/a
Pathway	n/a
Description: American Sign Language II (ASL) builds upon skills developed in ASL I, extending students' ability to understand and express themselves in ASL and increasing their vocabulary and speed. Typically, students learn how to engage in discourse for informative or social purposes and to comprehend the language when signed slowly.	

JROTC (this class meets at Leavenworth H.S.)

JROTC

Length	1 Year
Grade(s)	9/10/11/12
Fee Description	None
Prerequisites	Approval by principals at both Lansing H.S. and Leavenworth H.S., upon seeing Academics, Discipline, and Attendance. If a student lives in the Lansing school district, the family will also need to complete out of district paperwork. The pre-requisites must be met each year
Summer Work	None
Additional requirements	Students MUST transport themselves to Leavenworth H.S. for class however, there is transportation provided by the Lansing School District to return students to Lansing H.S. upon completion of class
Course Video/Flyer	n/a
Pathway	n/a
Description: (From the Leavenworth High School course book) The purpose of the program is to motivate young people to be better citizens. JROTC is an Army supported activity. Students do not incur any obligations to serve in the military. The ROTC cadet is required to participate in physical fitness training, drill, ceremonies, and academic training. ROTC cadets are invited to participate on special teams such as: honor guards (drill teams), rifle team, drum and bugle corps, raiders, color guards, cadet chorus, saber team, and the junior guard program. Cadets are provided government issued uniforms at no cost. The uniform must be worn one class period each week and on special occasions. Uniforms are required to be returned immediately upon disenrollment or the student incurs the cost of the uniform. Parents are accountable for all equipment issued to cadets. Fund raiser participation is completely voluntary.	