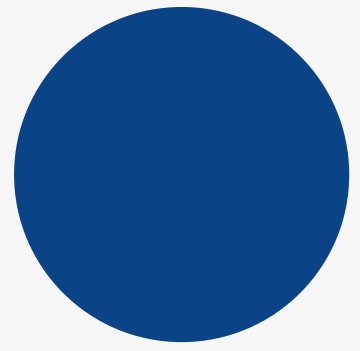
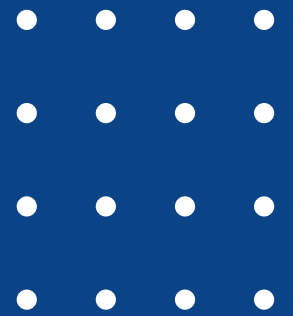


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Leavenworth
Pioneers



Sophomore
Options

Suggested Advanced Sequence

College-bound students and student athletes wanting to meet NCAA eligibility should consider taking four years of English, Social Studies, Science, and Math, as well as two years of a world language.

English

- Freshman Honors English (9th)
- Sophomore Honors English (10th)
- AP Language & Composition (11th)
- AP Literature & Composition or English Composition I/II (12th)

History

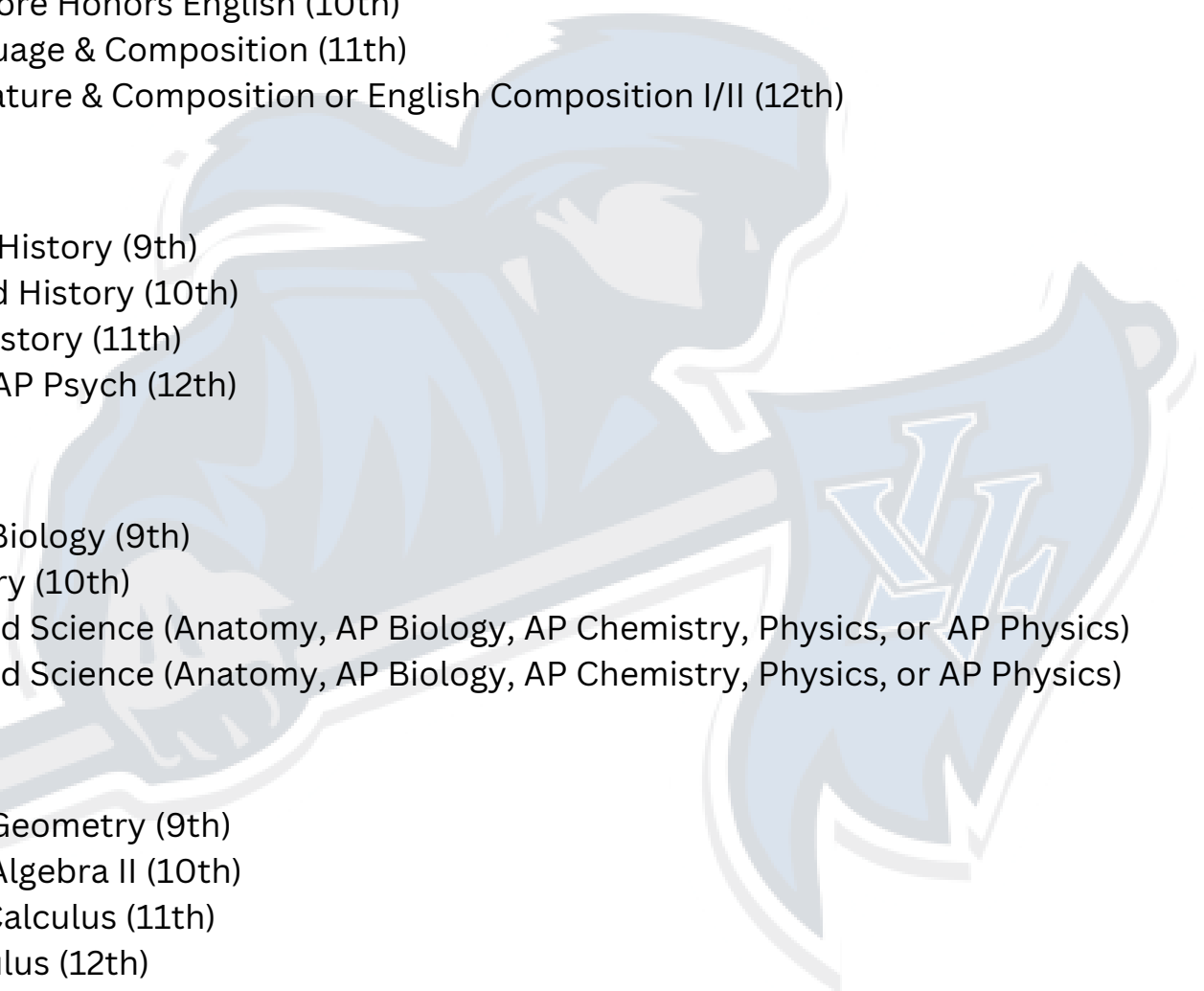
- AP Euro History (9th)
- AP World History (10th)
- AP US History (11th)
- AP Gov/AP Psych (12th)

Science

- Honors Biology (9th)
- Chemistry (10th)
- Advanced Science (Anatomy, AP Biology, AP Chemistry, Physics, or AP Physics)
- Advanced Science (Anatomy, AP Biology, AP Chemistry, Physics, or AP Physics)

Math

- Honors Geometry (9th)
- Honors Algebra II (10th)
- AP Pre-Calculus (11th)
- AP Calculus (12th)



Sophomore Options

Required Courses

English

- **Sophomore English** [EN205](#)

- Sophomore English is the second of two English requirements for graduation. Building upon the foundations established in Freshman English, students will gain a broader world view through literature. Students will explore literary themes, improve writing skills, and become more accomplished speakers and listeners. Passing both semesters of a Sophomore English course is required for graduation.

- **Sophomore Honors English** [EN255](#)

- **Prerequisite: B or better in previous English classes or instructor consent**
- Sophomore Honors English is designed for highly-motivated students who want to develop a lifelong enjoyment of reading and learn to respond to multicultural literature. This course is distinguished from Sophomore English by the instructional pacing and the delivery of advanced content. Students should carefully consider the extra time needed for this challenging course. Students will examine literature from various countries and cultures, and develop written responses in expository and narrative essays. Students will be expected to employ good mechanics in writing and to progress in vocabulary development. The MLA style handbook is required for research papers. Students will conduct outside reading and complete quarterly novel projects. Students must pass both semesters of Sophomore Honors English in order to graduate.

Mathematics

- **Algebra I** [MA125](#)

- Students will deepen and extend their understanding of linear and exponential relationships. Students engage in methods for analyzing, solving, and using linear and quadratic functions. Critical areas include modeling situations using expressions, equations and inequalities; analyzing and explaining the process of solving an equation or inequality; exploring various ways of representing functions that involve exponents and roots, performing operations on and simplifying polynomials.

- **Geometry** [MA235](#)

- **Prerequisite: Algebra I**
- In this course, students develop inductive and deductive reasoning skills. The goal of this course is to extend and formalize students' geometric experiences by exploring more complex geometric situations and to improve their explanations of geometric relationships, moving toward formal mathematical arguments. Critical areas include geometric vocabulary, transformations, triangle congruence, similarity, and geometric relationships such as right triangle trigonometry; properties of special triangles and quadrilaterals; and theorems involving circles, segments, and angles.

- **Honors Geometry** [MA240](#)

- **Prerequisite: B or better in Algebra I**
- This course covers the topics in the Geometry course in greater depth, and adds 3-D views and cross-sections of solids, geometric probability, and coordinates in 3-D. Emphasis is given to theory underlying mathematical concepts and more challenging problems are included. The course is designed for students who possess a high interest in mathematics and plan to enroll in advanced mathematics courses. We are developing the skills needed to be successful in AP or college mathematics courses, so students can expect homework assignments to require work outside of class time after every class.

- **Algebra II** [MA345](#)

- **Prerequisite: Geometry**
- This course extends geometric and algebraic concepts, and introduces topics in probability and statistics. Topics such as polynomial, quadratic and exponential functions and their application, second-degree equations and systems, and matrices are also presented. Objectives from the Kansas Assessment Test will be targeted. Homework assignments require work outside of class time.

- **Honors Algebra II** [MA355](#)

- **Prerequisite: B or better in Hon Geometry or A in Geometry**
- This course covers the topics in the Algebra II course in greater depth and explores some topics of trigonometry. Emphasis is given to theory underlying the mathematical concepts and more challenging problems are included. This course is designed for students who possess a high interest in mathematics who plan to enroll in advanced mathematics courses during subsequent high school years. We are developing the skills needed to be successful in AP or college mathematics courses, so students can expect homework assignments to require work outside of class time after every class.

Sophomore Options

Science

- **Integrated Science-Chemistry (semester) [SC108](#)**
 - This introductory semester course is designed to allow students to explore the basic concepts of chemistry. It offers the subject matter of a traditional chemistry course with a qualitative approach to problem-solving. General areas of study will include properties of matter, the atom, the periodic table of elements, chemical reactions, and acid and bases.
- **Integrated Science-Physics (semester) [SC109](#)**
 - This introductory semester course is designed to allow students to explore the basic concepts of physics. It offers the subject matter of a traditional physics course with a qualitative approach to problem-solving. General areas of study will include force, motion, energy, heat, light, sound, magnetism and electricity.
- **Chemistry [SC321](#)**
 - **Prerequisite: Biology or Hon Biology -AND- Algebra I with a C or better; currently enrolled in Geometry, Hon Geometry or higher-level math**
 - This is a one year course in chemistry. Students who successfully complete this course will have an adequate background to enroll in a college level chemistry course. Labs are used to enhance the student's understanding of the content of the course. (Satisfies the physical science requirement.)
- **Principles of Biomedical Science [SC205](#)**
 - **Prerequisite: Biology or Hon Biology**
 - Principles of Biomedical Science (PBS) is a full-year high school course in the PLTW Biomedical Science Program. This course serves to provide foundational knowledge and skills in fields such as biology, anatomy & physiology, genetics, microbiology, and epidemiology as well as engage students in how this content can be applied to real world situations, cases, and problems. Through both individual and collaborative team activities, projects, and problems, students will tackle real-world challenges faced by biomedical professionals in the field. They will work with the same tools and equipment used in hospitals and labs as they engage in relevant hands-on work. Students will develop skill in technical documentation to represent and communicate experimental findings and solutions to problems. In addition, students will explore how connections to other disciplines such as computer science and engineering shape the future of medicine and practice collaboration techniques that will help them connect with professionals across any field.

Social Studies

One of the following courses must be taken in either 9th or 10th grade:

- **World History [SS205](#)**
 - The World History course covers significant global developments from prehistoric cultures to the twentieth century nations. Placed within geographic context, students will analyze cultures through the study of their economic, political, social, religious, and technological achievements. Students will be expected to work independently and in small group settings; conduct research; give oral presentations; complete written assignments; and develop their critical thinking skills. With early World History as a background, emphasis will be placed on the 1400s to the present.
- **AP European History [SS505](#)**
 - **Prerequisite: "A" student overall or AP instructor consent**
 - **Four years of advanced social studies courses recommended if student is college-bound; recommend taking prior to AP World History**
 - This course studies the significant social, economic, and political movements and events in Europe during the period 1200-1990. Students will study the dynamics of continuity and change, the links between the past and the present, the importance of historical literacy, and the use of history as a form of critical thinking. Advanced Placement classes are college-level courses, which prepares students to take the AP exam in the spring. Students enrolling in this course are strongly encouraged to take the Advanced Placement European History exam which provides the opportunity to earn college credit.
- **AP World History [SS515](#)**
 - **Prerequisite: B or better in AP Euro History**
 - **Four years of advanced social studies courses recommended if student is college-bound**
 - This course studies the evolution of global processes and contacts in interaction with different types of human societies. The course highlights the nature of changes in international frameworks, their causes and consequences, as well as comparisons among major societies. This course focuses primarily on the past 2000 years of the global experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the stage for continued development. Extensive reading and writing are required. Students enrolling in this course are strongly encouraged to take the Advanced Placement World History exam which provides the opportunity to earn college credit.

Sophomore Options

One of the following courses must be taken in either 10th or 11th grade:

- **United States History [SS305](#)**
 - This course engages students in the active study of political, economic, and social forces behind the development of the United States. Twentieth century American history will be a major emphasis of the course. A variety of instructional methods will be employed such as lectures, discussions, small group work, simulations and research projects.
- **AP US History [SS525](#)**
 - **Prerequisite: B or better in AP World History**
 - **Four years of advanced social studies courses recommended if student is college-bound**
 - The AP program in United States History is designed to provide students with the analytical skills and enduring understandings necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials—their relevance to a given interpretive problem, their reliability, and their importance—and to weigh the evidence and interpretations presented in historical scholarship. An AP United States History course should develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in an essay format. Students will be prepared to take the Advanced Placement US History exam given during the spring semester. **Students may earn college credit through KCKCC if they meet the admission requirements. Fees will be paid to the college for three hours of credit in United States to 1877 in the fall and three hours of credit in United States since 1877 in the spring.**

Physical Education

- **Lifetime Fitness & Wellness (semester) [PE201](#)**
 - This course is designed for students who would like to learn how to stay fit after high school. Students will learn the importance of staying active and how to avoid a sedentary lifestyle because obesity is an American epidemic. Activities will include: aerobics, weight lifting, short and long-distance running, cardiovascular equipment, strength bands, exercise balls, core strength, upper and lower body strength, circuit training, etc.
- **Walking for Fitness (semester) [PE203](#)**
 - Walking for Fitness is designed to stress the importance of cardiovascular, muscular, and mental fitness development for maintaining a healthy lifestyle which will include the State and National components of fitness. The course is appropriate for students of varying fitness abilities and to acquire the knowledge, skills, and attitudes necessary for physical fitness through participation in a carefully monitored walking program. A variety of instructional information and teaching strategies adaptable for classroom use is also provided. Course assignments encourage participants to integrate specific national standards and state standards for physical education. Objectives for each lesson are modeled around standards-based learning as identified by the Kansas State Department of Education. Personal fitness and nutrition assessments will guide students to design programs to meet their individual fitness goals.
- **Racket & Individual Sports (semester) [PE211](#)**
 - Racket and Individual Sports will target students who prefer individual sports to team sports. Activities may include lifelong sports, such as badminton, tennis, golf/ Frisbee Golf, archery, pickleball, horseshoes, orienteering, bowling, and ping pong.
- **Team Sports (semester) [PE221](#)**
 - Team Sports is offered for those students who enjoy participating on a team. This class focuses on teamwork, strategy, problem solving, rules of the game, and etiquette. Activities may include volleyball, basketball, softball, flag football, soccer, team handball, speedball, Ultimate Frisbee, and hockey.
- **Sports Conditioning (semester) [PE241](#)**
 - **Prerequisite: Life Fit & Well -OR- participation in a sport, cheerleading, JROTC Raiders, or powerlifting team**
 - This course emphasizes aspects of fitness that relate to improving athletic performance for highly motivated students. Improvement in speed, power, and strength will be a priority. Use of free weights and explosive Olympic-style lifting will be employed. Reducing the risk of athletic injury will also be emphasized. Participation in after-school workouts (for out-of-season students) will be expected.
- **Advanced Sports Conditioning (semester) [PE245](#)**
 - **Prerequisite: Sports Conditioning**
 - Advanced Sports Conditioning is designed to continue the strength and athletic development of our junior and senior varsity athletes. This course emphasizes aspects of fitness that relate to improving athletic performance for highly motivated students. Improvement in speed, power, and strength will be a priority. Use of free weights and explosive Olympic style lifting will be employed. Reducing the risk of athletic injury will also be emphasized. Participation in after school workouts (for out of season students) will be expected.

Sophomore Options

Electives

****You have room for two year-long electives. If you choose to take semester classes, you must choose two semester classes to fill one year-long spot.**

*****Scholastic Eligibility: To participate in a LHS activity (band, choir, debate, or forensics), team or group, each participant must have satisfied all the scholastic eligibility requirements prior to participation. KSHSAA requires that all students have passed at least five new subjects (those not previously passed the last semester.) They also must be enrolled in at least five new subjects (those not previously passed) or unit weight this coming semester. Office helpers and teacher helpers are not credit courses.**

Fine Arts

- **Intro to Two Dimensional Art (semester) [FA102](#)**
 - This course introduces students to two dimensional media and methods used to produce art, i.e. drawing, painting, and printmaking. Emphasis will be given to the elements and principles of design as they apply to the two dimensional format. Students will create a foundation of artistic thinking and problem-solving.
- **Intro to Three Dimensional Art (semester) [FA103](#)**
 - This course introduces students to three dimensional media and methods used to produce art, i.e. sculpture, ceramics, and installation work. Emphasis will be given to the elements and principles of design as they apply to the three dimensional format. Students will create a foundation of artistic thinking and problem-solving.
- **Advanced Two Dimensional Art [FA201](#)**
 - **Prerequisite: B or better in Intro to 2D -OR- Portfolio of 10 images with artist statement and instructor consent**
 - This class will build upon the skills obtained in Intro to 2D Art. Students will strive to create gallery worthy work in a more independent direction. Coursework will emphasize participation/effort/time management, craftsmanship/use of materials, creative expression, planning/reflecting, project visual outcome and portfolio development.
- **Advanced Three Dimensional Art [FA301](#)**
 - **Prerequisite: B or better in Intro to 3D -OR- Portfolio of 10 images with artist statement and instructor consent**
 - This course introduces students to three dimensional media and methods used to produce art, i.e. sculpture, ceramics, and installation work. Students will be assessed on participation, effort/time management, craftsmanship/use of materials, creative expression, planning/reflecting, project visual outcome and portfolio development.
- **Acting I (semester) [FA111](#)**
 - This active course is an introduction to the art of acting. Students will be exposed to a variety of theater based activities that will promote both confidence, self-awareness, and collaboration with peers. Units will be taught on: creative drama, monologue, duet scene, history of drama, stage terminology, and more!
- **Forensics (2nd semester) [FA121](#)**
 - **Prerequisite: ***Must be KSHSAA eligible (see above)**
 - Interscholastic competition is a part of this course. Individual preparation of various phases of speech and drama work is required. The goal of the course is to develop skills in acting; enhance presentation skills, research skills, organization, public speaking skills, and build self-confidence. There will be some emphasis on dramatic interpretation of duet acting, prose, poetry, and improvisation. Students must attend at least two Saturday tournaments.
- **Stagecraft (semester) [FA221](#)**
 - This hands-on & project based course focuses on behind-the-curtain aspects of designing, creating, and presenting a theatrical production. The students will learn technical theater techniques in set design and construction, scenic painting techniques, stage lighting, sound design, and more! Students will utilize their knowledge learned throughout the course to assist with the school's current theatrical production.

Sophomore Options

- **Mixed Choir (semester) [FA131](#)**
 - Prerequisite: B or better in previous semester AND instructor consent if enrolling in additional semesters
 - The aim of this course is to stress proper techniques, vocal score interpretation, and performance disciplines. The course is designed to familiarize the student with performance in a choral setting. Emphasis is placed on choral reading skills, part-singing, and musical interpretation.
- **Mixed Choir - Concert Choir (year) [FA231](#)**
 - Prerequisite: Audition only; ***Must be KSHSAA eligible (see above)
 - The aim of this course is to stress proper techniques, vocal score interpretation, and performance disciplines. The course is designed to familiarize the student with performance in a choral setting. Emphasis is placed on choral reading skills, part-singing, and musical interpretation. The Mixed Choir performs in a minimum of two concerts each year. Attendance is required at performances.
- **A Cappella Choir [FA331](#)**
 - Prerequisite: Audition only; ***Must be KSHSAA eligible (see above)
 - This class performs traditional choral literature. Studies in musical styles of the Renaissance, Baroque, Classical, Romantic, and Contemporary Periods are included. Some foreign language diction is studied including Latin, Italian, French, and German. There will be at least one major public performance each semester. Attendance is required at performances. A significant amount of literature studied will be unaccompanied. This course seeks to develop the most refined possible musical skills in the individual.
- **Show Choir [FA431](#)**
 - Prerequisite: Audition only; ***Must be KSHSAA eligible (see above)
 - Show Choir, also known as the Leavenworth High School Power and Life Company, emphasizes public performance. Students are expected to be highly motivated in singing and dancing and personality projection. Modern music in popular styles is studied and performed, with special emphasis given to Broadway and show music. The Power and Life Company is highly visible in the community through its numerous performances. Attendance at performances is required.
- **Senior High Band [FA141](#)**
 - Prerequisite: ***Must be KSHSAA eligible (see above)
 - First semester is Marching Band, which is a performance-oriented course that allows students to study music and movement. The band supports the football team through performances at home football games and the community in local parades. Students also have the opportunity to perform at several marching competitions. After marching season is complete, marching band students will give one concert as a Concert Band and students will perform at first semester basketball games. Attendance at all performances is mandatory and is an important factor in grading. Second semester Concert Band is a performance-oriented course that allows students to study music in several capacities. Included are pep band, solos, and large and small ensembles. Students will be asked to perform at basketball games during the second semester, and band concerts and festivals. Attendance at all performances is mandatory and is an important factor in grading.
- **Jazz Band [FA241](#)**
 - Prerequisite: Audition only/dual enrollment in Sr. High Band
 - Jazz Band is a performance oriented course. Students will study various styles of jazz literature and perform at several events throughout the year. Attendance at all performances is mandatory and is an important factor in grading.
- **Music Appreciation (semester) [FA251](#)**
 - Music Appreciation is the study of the history and literature of music. Great composers and their music are studied; musical styles of the past and present are examined. This course is highly recommended for students planning to pursue a career in music.
- **Digital Media Technology (semester) [FA272](#)**
 - Prerequisite: C or better in Intro to Web & Digital Media
 - Digital Media Technology teaches the technical skills needed to work with electronic media. Topics include the study of typography, photography, color theory, podcasting and design principles. Students will create multimedia projects while learning workflow, time management and essential communication skills. (This class is a prerequisite for Media Design & Production (Yearbook).)
- **Audio/Video Production II [FA382](#)**
 - Prerequisite: A or better in Digital Media Technology OR Journalism & Media Communications OR Media & Public Relations AND Consent of Instructor
 - Audio/Video Production II is an advanced level course in journalism and requires approval from the instructor for enrollment. Students will use what they learned in Video Broadcasting I to create the school video broadcast program, Pioneer TV. Students will be held accountable for meeting deadlines and working as part of a production team. Students will take part in interviewing, capturing audio and video, editing, and producing. This class requires a significant contribution outside of the scheduled class time to attend school events for assignments.

Sophomore Options

Communication

- **Argumentation & Debate (1st semester) [LA112](#)**
 - Prerequisite: ***Must be KSHSAA eligible (see above)
 - Argumentation & Debate develops communication skills, critical thinking, and the ability to serve as an advocate in a democratic society. Students research a topic and will learn the processes of creating an effective argument for and against a resolution. Students will learn in-depth critical thinking. This class will prepare students for competitive debate. Some aspects of the class include independent research to prepare debate arguments. (This course does NOT satisfy an English credit. Satisfies one half Language Arts credit. Satisfies one half Language Arts or Communications credit.)
- **Speech (semester) [LA121](#)**
 - This course is designed to offer the novice speaker a number of opportunities to organize and prepare public speaking assignments. Students will have the opportunity to speak one on one, to themselves (intrapersonal Communication), and to a live audience. Students will learn about the important role of Communication in our lives, the communication model, spatial relationships, delivery styles, interviewing styles, and the effectiveness of language, gestures, and organization techniques. (This course does NOT satisfy an English credit. Satisfies one half Language Arts or Communications credit.)
- **Business Communications (semester) [BU210](#)**
 - Prerequisite/Corequisite: [Business Essentials](#)
 - Business Communications helps 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, communication 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. (Satisfies the Communications graduation requirement.)
- **Journalism & Media Communications (semester) [FA261](#)**
 - Prerequisite: [B or better in prior year ELA course](#)
 - Journalism & Media Communications is a technical level course in journalism. Topics include the study of communications and media, interviewing, writing, and storytelling using the Associated Press style. Students also study ethical and legal issues related to mass media. Students will research topics, interview peers and staff, and write news and feature stories. (This class is a prerequisite for Media Design & Production (Yearbook). Satisfies the Communications graduation requirement.)
- **Media & Public Relations (semester) [FA285](#)**
 - Prerequisite: [B or better in prior year ELA course](#)
 - Media & Public Relations builds skills needed to communicate messages to the public through advertising and public relations activities. Topics will include conflict awareness, reliability of sources, creating publicity materials, advertising and public relations campaigns and working with the media on behalf of clients. (Satisfies the Communications graduation requirement.)

Language Arts

- **Media Design & Production (Yearbook) [LA316](#)**
 - Prerequisite: [B or better in Journalism & Media Comm or Dig Media Technology and instructor consent](#)
 - Media Design & Production (Yearbook) is an advanced level course in journalism and requires pre-approval from the instructor for enrollment. Students will use what they learned in Journalism & Media Communications to create the school yearbook. Students will be held accountable for meeting deadlines and working as part of a production team and take part in interviewing, researching, photography, page design activities, and writing using the Associated Press style. This class requires a significant contribution outside of the scheduled class time to attend school events for assignments.

Practical Arts

- **Business Essentials (semester) [BU103](#)**
 - This introductory semester-long course introduces students to the world of business and helps set a foundation for high school, college, and career. The study skills aspect of the course covers organization, time management, improving reading for comprehension, note-taking skills, and more. The business units help students acquire sound values and acceptable attitudes regarding their personal lives and on-the-job success. Students will be engaged in teamwork, presentations, computer-related activities, and current events while learning the following topics: today's economy, business ownership, career exploration, getting and keeping a job, how to be a wise consumer, managing money, understanding banking and credit, and types of insurance. The knowledge obtained in this class is practiced and reinforced throughout the course and is transferable to other courses as well as everyday life. (This course was primarily designed for freshman and sophomore students interested in future business pathway courses).

Sophomore Options

- **Accounting I [BU201](#)**

- **Prerequisite:** C or better in Algebra I and Business Essentials
- This course provides students with an understanding of the financial transactions of a business and enables them to record, present, and interpret these transactions necessary as a consumer of goods and services. Occupations available to the high school graduate that require a knowledge of accounting include accounting clerks/bookkeepers, payroll clerks, and various banking trainee positions. This course is also recommended for those planning to major in any area of business in college.

- **Entrepreneurship (semester) [BU311](#)**

- **Prerequisite:** Business Essentials recommended
- This technical-level semester-long course is designed to introduce students to the world of small business ownership and management. Students will be given the opportunity to develop a business plan, as well as work in one or more of the student managed school-based enterprises (Pete's Place, Pioneer Perk, and Pete's Print and Stitch), performing duties under the direction of student owners and operators while developing business start-up skills in planning, financing, human resources, marketing/advertising, selling, and management of products. This hands-on course involves students in a variety of activities that will provide them with the skills necessary to be successful in a constantly changing workplace. Students should be prepared to work independently at times while continuing to meet course expectations. Students will also be exposed to several competitive opportunities involving scholarship. (This course is designed for mature sophomores and above interested in becoming an entrepreneur or for students wanting a hands-on learning experience in preparing for employment).

- **Business Management (semester) [BU315](#)**

- **Prerequisite:** Business Essentials or Marketing I recommended
- This technical-level semester-long course covers the key characteristics of business organization and environment and the business functions of human resource management, finance and accounts, marketing and operations management. Students will be working in one or more of the student managed school-based enterprises (Pete's Place, Pioneer Perk, and Pete's Print and Stitch), performing duties of a small business owner/operator in the areas of planning, financing, human resources, marketing/advertising, selling, and management of products. This course is essentially a continuation of the Entrepreneurship Course, however more emphasis will be placed on ownership, human resources, and financial management. (This course is designed for mature sophomores and above interested in becoming an entrepreneur or for students wanting a hands-on learning experience in preparing students for management positions in the workforce).

- **Introduction to Web & Digital Media (semester) [TE105A](#)**

- This introductory level class covers essential skills in digital communication, content creation, web development, and design. Key competencies include composing professional emails, analyzing social media trends, creating digital content, evaluating content quality, and citing sources. Students also learn HTML, CSS, and JavaScript for web development, applying UX design principles to create responsive websites. Additionally, graphic design fundamentals are covered, focusing on visual identity and optimizing web graphics.

- **Graphic Design [CT222](#)**

- **Prerequisite:** B or better in Intro to Web & Digital Media or teacher recommendation from 8th grade technology teacher
- Graphic Design courses emphasize design elements and principles in the purposeful arrangement of images and text to communicate a message. They focus on creating art products such as advertisements, product designs, and identity symbols. Graphic Design courses may investigate the computer's influence on and role in creating contemporary designs and provide a cultural and historical study of master design works of different periods and styles.

- **Web Design [CT231](#)**

- **Prerequisite:** B or better in Intro to Web & Digital Media
- Through this class, students will learn how to design user-friendly web pages that are both functional and interactive. Students will begin by learning HTML coding and then use web authoring software to develop projects.

- **Introduction to Family & Consumer Sciences (semester) [FC103](#)**

- This course is an orientation to the Family and Consumer Sciences pathways. Its purpose is to introduce students to the many current subject areas, issues, trends, and careers in food preparation, sanitation and nutrition, interpersonal relationships, child care and development, managing money and personal resources, housing and furnishings, and hand/machine sewing and clothing choices. Students will also take part in many activities that will involve cooperative learning, hands-on projects, and lab experiences.

- **Culinary Essentials (semester) [FC223](#)**

- **Prerequisite:** C or better in Intro to FACS
- Culinary Essentials introduces students to basic culinary skills, food safety and sanitation, nutrition concepts, food preparation, presentation, meal planning and career opportunities. Students will learn through lab activities and classroom instruction. This class is a prerequisite for Culinary Arts I.

Sophomore Options

- **Culinary Arts I (must apply) [FC325](#)**
 - Prerequisite: C or better in Culinary Essentials, apply and instructor consent
 - Culinary Arts I integrates the knowledge, skills, and practices required for careers in the restaurant industry. It provides students with a firm foundation in food preparation of all menu categories, food presentation, culinary math, menus, safety and sanitation, and business industry standards. Students will learn through lab activities and classroom instruction.
- **Teaching as a Career [FC224](#)**
 - Prerequisite: Intro to FACS
 - Teaching Profession courses introduce students to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. These courses typically expose students to 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.
- **Family Studies (semester) [FC233](#)**
 - Prerequisite: Intro to FACS
 - 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.
- **Human Growth & Development - The Early Years (semester) [FC243](#)**
 - Prerequisite: Intro to FACS
 - This course provides students with knowledge about the physical, mental, emotional, and social growth and development of humans from conception to old age, with a special emphasis on birth through school age. Course content will provide an overview of life stages, with a strong tie to prenatal and birth processes; fundamentals of children's emotional and physical development; and the appropriate care of children.
- **Introduction to Engineering [TE106](#)**
 - An Introductory level course 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.
- **Drafting/CAD [TE202](#)**
 - Prerequisite: Algebra I
 - This course is highly recommended for any student interested in the fields of mechanical and architectural drafting or engineering. Drafting/CAD is designed to introduce the student to basic drafting skills and knowledge needed to function in a technical field. The course includes: sketching, multiview, isometric, oblique, dimensioning, and geometric construction. In keeping pace with new technology, each student will spend a large percentage of time using CAD (Computer-Aided Design) programs such as AutoCAD, Inventor, SolidWorks and more.
- **Principles of Applied Engineering [TE206](#)**
 - Prerequisite: Introduction to Engineering
 - A technical level course designed to expand student knowledge in the area of applied engineering and allow students to apply learning related to multiple topics in the field of engineering.
- **Robotics I [TE308](#)**
 - Prerequisite: Introduction to Engineering
 - A technical level course to 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.
- **Introduction to Automotive Technology (semester) [TE131](#)**
 - This course is for students interested in the automobile from a business, technical, and/or consumer perspective. A broad range of subjects will be covered in this class to include automotive career exploration, consumer information, minor maintenance and safety inspection, and an introduction to technical systems.
- **AVID 10 [CP200](#)**
 - Prerequisite: Apply/interview, instructor consent
 - AVID 10 develops learning, study and academic behavioral skills that are essential to success in rigorous coursework. In the AVID 10 elective class, students receive daily instruction and support to prepare them for college from a trained AVID Elective teacher. AVID impacts students by using academic strategies like writing to learn, inquiry, collaboration, organizational skills, and critical reading (WICOR). (Satisfies a practical arts credit.)
- **JAG-K 10 (Jobs for America's Graduates-Kansas) [JK200](#)**
 - Prerequisite: Apply/interview, instructor consent
 - **JAG-K Career Exploration.** Tenth-grade students expand their understanding of career opportunities and workplace expectations. The course emphasizes career exploration, employability skills, resume writing, interview techniques, professionalism, and personal responsibility. Students participate in leadership activities, service-learning projects, and career-focused experiences that connect learning to real-world applications.

Sophomore Options

• Exercise Science (CO200B)

- First Aid (2 Credits) - The theory and practice of first aid and safety are covered. Methods of administering first aid in case of accident or sudden illness; bandaging; resuscitation; and caring for wounds and injuries, CPR and AED training. First aid lab sessions are required for this course. Successful completion of this course results in certification by American Heart Association.
- Care and Prevention of Athletic Injuries (3 Credits) - The Care and Prevention of Athletic Injuries course is designed to give students the knowledge to recognize and treat injuries as they occur in athletics or recreational activities. This course is designed for any person interested in the health professional field, as an athletic trainer, coach, or those involved in recreational activities, to help recognize and care for injuries or potential injuries they may encounter.
- **Both courses will be offered in the spring semester at LHS by a KCKCC instructor. Students must enroll in both courses and they will fill one class period. They fulfill an elective credit at the high school level. Students may earn college credit through KCKCC if they meet the admission requirements. Fees will be paid to the college for two semester hours of credit in First Aid and three semester hours of credit in Care and Prevention of Athletic Injuries in the spring.**

ROTC

• JROTC RO101

- JROTC is open to all physically fit students 14 years or older. 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 and ceremonies. 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. Fundraiser participation is completely voluntary.

World Language

• French I [WL101](#)

- **Prerequisite: C or better in English**
- French I introduces the basic elements of grammar by involving the student in reading, writing, listening, and speaking activities in a cultural context. Tests and quizzes are written, oral, and recorded in format. Instruction is both in French and English. Success in the course requires out-of-class study and homework.

• French II [WL201](#)

- **Prerequisite: C or better in French I**
- French II continues and expands the four basic skills of reading, writing, listening, and speaking introduced in French I. Emphasis is placed on the expansion of vocabulary and the accurate use of structural elements of French in spoken and written forms. Concentration and application are given to verb tenses (present, passé composé and imparfait), idiomatic expressions, and pronouns. Oral presentations and cultural activities are a part of classroom activities. French and English are spoken in class. Success in the course requires out-of-class study and homework.

• Spanish I [WL111](#)

- **Prerequisite: C or better in English**
- Spanish I introduces the basic elements of grammar by involving the student in reading, writing, listening, and speaking activities in a cultural context. Tests and quizzes are written, oral, and taped in format. Instruction is both in Spanish and English. Success in the course requires out-of-class study and homework.

• Spanish II [WL211](#)

- **Prerequisite: C or better in Spanish I**
- Spanish II continues and expands the four basic skills of reading, writing, listening, and speaking introduced in Spanish I. Emphasis is placed on the expansion of vocabulary and the accurate use of structural elements of Spanish in spoken and written forms. Concentration and application are given to verb tenses (present, preterite/imperfect), idiomatic expressions, and pronouns. Oral presentations and cultural activities are a part of classroom activities. Spanish and English are spoken in class. Success in the course requires out-of-class study and homework.

• Spanish III [WL311](#)

- **Prerequisite: C or better in Spanish II**
- Spanish III provides a basic review of the grammar elements studied in Spanish II. Concentration and application are given to Future and Conditional verb tenses. Emphasis is placed on speaking and writing skills. The class includes writing activities, cultural and historical projects and skits, and oral and written summaries. The student is expected to participate in daily class discussions. Spanish and English are spoken in class. Success in the course requires out-of-class study and homework.