

Leavenworth High School

2024-25 Freshman Options

The LHS course catalog with complete course descriptions and a guideline of the sequence of courses a student must take during their four years of high school is available on the high school website. Course offerings are subject to change.

Required Courses

(Any required class that has a bullet before the class name denotes a Regents Qualified Admissions Course.)

English

•Freshman English

EN105

Freshman English is designed in part to prepare students for mastery of state standards and admission to a university. This course includes the study of: literature, composition, the writing process, vocabulary, grammar, and other communication skills through lecture, oral and independent reading, cooperative learning, presentations and other assessments. Students will write narrative, persuasive, expository, and descriptive texts. Students will be assessed through unit tests and semester summative assessments.

•Freshman Honors English

EN155

Freshman Honors English is designed to prepare students for mastery of state standards and admission to a university. This course is distinguished from Freshman 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 explore advanced language and composition including expository writing, literary and rhetorical analysis, and research techniques. MLA format is required for this class. Independent reading and research will be required. Oral presentations and alternate assessments will be frequent. Passing both semesters of a Freshman English course is required for graduation. (The instructional pacing and delivery of advanced content requires an additional time commitment for this challenging course.)

Mathematics (Determined by your current math instructor)

Algebra Essentials

MA118

Students will be placed in this course based on teacher recommendation. 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.

•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: MA125

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 MA125

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.

Physical Education (All freshmen take one semester of PE and one semester of Health.)

Health (Boys) (semester)

PE116

Health (Girls) (semester)

PE117

➤ 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

Racquet 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: PE201 -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.

Science

•Biology **SC201**
Biology I is a course that will challenge students to explore how to solve problems using the scientific method. The state of Kansas life science content will be addressed. The student will study all biological processes and how they relate to the environment. Working with laboratory procedures, and collecting and analyzing data will be emphasized. Relationships between the sciences of chemistry, physics, and biology will be established.

•Honors Biology **SC211**
B or better in 8th Grade Science
Honors Biology will cover the same subject matter as Biology as well as additional topics, and include more details. Emphasis is given to the development of scientific skills, including developing and using models, obtaining, evaluating, and communicating information, and constructing explanations and designing solutions. This course is for those students who possess either a high interest or ability in science and have taken/are taking geometry or have instructor approval.

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 1400's to the present.

•AP European History **SS505**
Teacher recommendation; recommend taking prior to AP World History
Four years of advanced social studies courses recommended if student is college-bound
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. Summer reading may be required and, if so, will be posted on the LHS website under the Student>Summer Assignments tab.

Electives

****You have room for three yearlong electives. If you choose to take semester classes, you must choose two semester classes to fill one yearlong 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.
- **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 (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.

➤ **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 (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.

➤ **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.

➤ **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.

➤ **21st Century Journalism/Introduction to Mass Media (semester)**

FA261

21st Century Journalism 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 Yearbook/Digital Media Design and Production.)

➤ **Digital Media Technology (semester)**

FA272

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 Yearbook/Digital Media Design and Production.)

➤ **Video Broadcast I (semester)**

FA281

Video Broadcast I is a technical level course in journalism. It introduces students to the basics of producing broadcast style news and feature stories using audio and video. Topics include a study of pre-production, production and post-production processes. Students will learn to use Adobe Premiere to edit video productions. This course is a prerequisite for Advanced Video Broadcast.

Language Arts

➤ **Argumentation & Debate (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.)

➤ **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 credit.)

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).

➤ **Computer Applications**

CT207

Through this course students will receive a brief review of proper keyboarding technique and move into proper document formatting. Students will use word processing, spreadsheet, presentation software, and Internet applications over the course of a full year. Students will learn how to use basic and advanced features of both Google products and Microsoft Office. They will explore advanced software programs. Time will be spent investigating careers related to the computer industry.

➤ **Graphic Design**

CT222

Prerequisite: C or better in CT207 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. (Course may count as Fine Arts or Practical Arts credits.)

- **Introduction to Family & Consumer Sciences** **FC101**
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.
- **Drafting & Production Blueprint Reading (semester)** **TE101**
This course is an introductory level course to provide students with the knowledge and ability to interpret the lines, symbols, and conventions of blueprints from a variety of industrial applications. (This course is offered second semester.)
- **Introduction to Industrial Technology (semester)** **TE105**
This course is designed to instruct students in the basic skills necessary to all occupations in the construction, manufacturing, and transportation areas. (This course is offered first semester.)
- **Drafting/CAD** **TE202**
Prerequisite: MA125
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. **If they meet KCKCC admission requirements (only freshmen with a Gifted IEP), students may earn three hours of credit in Computer Aided Drafting in the fall and two hours of credit in Pictorial Drawing in the spring.**

Electives

- **AVID 9** **CP100**
Prerequisite: Apply/interview, instructor consent
AVID 9 develops learning, study and academic behavioral skills that are essential to success in rigorous coursework. It acts as a catalyst for schools to develop a culture of college readiness for all students across the campus. In the AVID 9 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.)

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.
- **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 WL111
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.

Suggested advanced four-year sequence of core courses:

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)
Pre-Calculus (11th)
AP Calculus (12th)

****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.****