

# Leavenworth High School

## 2024-25 Sophomore 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

##### •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

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 English in order to graduate.

#### Mathematics (Determined by your current math instructor)

##### •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.

##### •Algebra II

MA345

Prerequisite: MA235

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 MA240 or A in MA235

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.

#### 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: SC201 or SC211 -AND- MA125 with a C or better; currently enrolled in MA235, MA240 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.)

## 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**

**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. Summer reading may be required and, if so, will be posted on the LHS website under the Student>Summer Assignments tab. 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**

**Four years of advanced social studies courses recommended if student is college-bound**

Prerequisite: SS505 encouraged prior to this class

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.

**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**

**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. Summer reading may be required and, if so, will be posted on the LHS website under the Student>Summer Assignments tab. **Students may earn college credit through KCKCC if they meet the admission requirements. Fees will be paid to the college for three semester hours of credit in United States to 1877 in the fall and three semester 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**

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.

➤ **Advanced Sports Conditioning (semester)** **PE245**

**Prerequisite: PE241**

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.

## 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.
- **Advanced Two Dimensional Art FA201**  
**Prerequisite: B or better in FA102 -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 FA103 -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 (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.
- **Advanced Drama (semester) FA312**  
**Prerequisite: FA111, audition, and instructor consent**  
This course's primary focus will be on the understanding and development of the character through thorough investigation of renowned acting techniques from Chekhov, Meisner, Bogart, Stanislavski, and more. Students will analyze plays looking for understanding of character, begin working on directing techniques, and develop and refine their improvisational skills.
- **Advanced Technical Theatre FA322**  
**Prerequisite: FA221, application, and instructor consent**  
Students in Advanced Technical Theatre will design and implement set, lighting, costume, sound, makeup, hair, and prop designs for the Leavenworth High School Theatre Productions. Stagecraft classes will assist in constructing the set designs. Additional exploration and training in stage management, playwriting, directing, and public relations will also be offered.
- **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.
- **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.

➤ **21<sup>st</sup> 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.

➤ **Advanced Video Broadcast** **FA382**

**Prerequisite: B or better in FA 281 and instructor consent**

Advanced Video Broadcasting 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.

## **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.)

➤ **Competitive Debate (semester)** **LA212**

**Prerequisite: C or better in LA112 or Formative Assessment given by teacher; \*\*\*Must be KSHSAA eligible (see above)**

This course offers intense study of the current season's policy debate topic, with the aim of preparation for interscholastic debate on the topic. This concentration focuses on practice debating, discussion of debate rounds, topic analysis, as well as advanced debate theory. Competitive Debate is a co-curricular class in which students research, prepare, and compete, using time and resources outside of the school day, including Saturdays. (This course does NOT satisfy an English credit. Satisfies one half Language Arts credit.)

➤ **Yearbook/Digital Media Design & Production** **LA316**

**Prerequisite: B or better in FA261 and instructor consent**

Yearbook is an advanced level course in journalism and requires pre-approval from the instructor for enrollment. Students will use what they learned in 21st Century Journalism 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.

## ➤ Journalism Project Management LA317

Prerequisite: A in FA261, FA271, or FA281 and instructor consent

Journalism Project Management is an advanced level course in journalism and requires pre-approval from the instructor for enrollment. This course will provide students the opportunity to research topics in journalism and create a digital, semester-long project which culminates with a digital portfolio of skills and experiences. Students will present their portfolio to a committee for review at the end of each semester they are enrolled in the course. Students will work independently to develop plans, identify resources and schedules, develop quality control and progress monitor.

## 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 is primarily designed for freshman and sophomore students interested in future business pathway courses).

### ➤ Accounting I

BU201

Prerequisite: C or better in MA125

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: BU103 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: BU103 or BU333 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).

### ➤ Marketing I

BU333

Prerequisite: BU103

This technical-level year-long course is designed to develop students' understanding of marketing principles. Students will explore entry-level career areas such as business economics, human relations, business communications, marketing concepts, marketing research, advertising, professional selling, and sales promotion. Students will be exposed to independent and group classroom activities, giving them hands-on experiences in exploring career opportunities in the marketing industry. Participation in a co-curricular career and technical education student-led organization is highly encouraged, however not mandatory. (This course is designed for mature sophomores and above interested in learning about careers in business).

### ➤ 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 each 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.)

### ➤ Web Design

CT231

Prerequisite: C or better in CT207

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

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.



- **Essentials of Fashion, Apparel, & Interior Design (semester)** **FC211**  
 Prerequisite: FC101  
 This course introduces students to the world of interior and fashion design, familiarizing them to the background and knowledge needed to develop a career in this field. Students will learn and apply how color, composition, and texture can affect great aesthetics.
- **Fashion Trends (semester)** **FC216**  
 Prerequisite: C or better in FC211  
 Fashion Trends examines special topics in interiors and apparel that meet the needs of humans now and projected in the future rather than providing a general study. Topics include sustainable design, shelter/apparel for diverse populations (such as aging, special needs, etc.) and how trends are developed. Additional topics may be generated as trends are identified.
- **Culinary Essentials (semester)** **FC223**  
 Prerequisite: FC101  
 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.
- **Teaching as a Career** **FC224**  
 Prerequisite: FC101  
 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)** **FC232**  
 Prerequisite: FC101  
 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: FC101  
 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.
- **Lifespan Development (semester)** **FC348**  
 Prerequisite: FC101  
 Lifespan Development prepares students for occupations associated with meeting the needs of people by learning about physical, intellectual, emotional and social development from childhood to death. In addition, this course helps students discover how individuals respond to the various stages of the lifespan with a strong tie to teen years, adulthood and later years.
- **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, 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.**
- **Architectural Design** **TE221**  
 Prerequisite: TE202  
 This comprehensive course is designed to instruct students in the basic skills of architectural design with a particular emphasis on residential and light commercial applications. Students will use their basic skills to advance into architectural drafting, design, and engineering. Students will develop a complete set of house plans including: floor plan, foundation plan, elevations, sections, plot plan, and perspectives. Students will also spend considerable time producing drawings on CAD systems. Students are encouraged to participate in field trips to homes in construction and drafting competitions. **Students may earn college credit through KCKCC if they meet admission requirements. Students may enroll in three hours of credit in Fundamentals of Building Planning in the fall and four hours of credit in Advanced Drafting in the spring.**
- **Drafting/CAD Techniques & Design** **TE301**  
 Prerequisite: TE202  
 This course is designed for students entering the fields of engineering and architecture. Students will develop mechanical drawings using problem solving skills, previous and newly acquired knowledge. Students will further develop architectural skills by designing an environmentally challenging home using the latest technology advances in home design. Students will develop a deeper understanding of CAD, implementing CAD on a weekly basis, and participating in technology leadership competitions during the course. The course will include: multi-view, pictorial, dimensioning, auxiliary, fasteners, working drawings, architecture, and CAD. **Students may earn college credit through KCKCC if they meet admission requirements. Students may enroll in three hours of Drafting Technology in the fall and four hours of credit in Fundamentals Parametric Modeling in the spring.**

➤ **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.

## **Electives**

➤ **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.)

## **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 WL101

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 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.

➤ **Spanish III**

**WL311**

**Prerequisite:** C or better in WL211

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.

## 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.\*\*