USD 384
Blue Valley
Course Handbook
GENERAL INFORMATION

This handbook is made available to students and parents for information about the curriculum available at Blue Valley High School. Cooperation between the school and family will enable students to develop to their full potential and become competent, productive citizens in our society.

Spring 2020
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FACULTY AND STAFF

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Transportation Director

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StuCo Sponsor

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National Honor Society Sponsor
Coach

Patricia Booth
Business/Computer Teacher
BPA and Freshman Sponsor
Business Management & Entrepreneurship Pathway
Business Finance Pathway

Kerri Butler
Instrumental/Vocal Music Teacher

Amber Ellis
MS Science Teacher
MS Scholars Bowl Coach
MS Science Club Sponsor

Kelli Francis
5th Grade Teacher
MS StuCo Sponsor
MS Robotic Club Sponsor
Coach

Blake Fronce
Physical Education/Health Teacher
Senior Sponsor
Coach

Adam Gudenkauf
English/Language Arts Teacher
Forensics Sponsor
Chess Club Sponsor
Anthony Meals
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FFA Sponsor
Sophomore Sponsor
Animal Science Pathway
Food Products & Processing Systems Pathway
Natural Resources & Environmental Pathway
Plant Systems Pathway
Power, Structural & Technical Pathway

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Science Teacher
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Graphic Design Pathway

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Family, Community, Consumer Services Pathway
Early Childhood Dev. & Services Pathway
Fashion Apparel, Interior Design Pathway
Restaurant & Event Management Pathway

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MS English Teacher
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Katharine Seyfried
Spanish Teacher
Spanish Club Sponsor

Brian Turner
MS Math Teacher
Elementary Physical Education Coach
GRADUATION REQUIREMENTS

The Kansas State Board of Education and the Blue Valley USD #384 Board of Education have established the following requirements as the minimum requirements for graduation from Blue Valley High School:

1. Four (4) units of English Language.
2. Three (3) units of social studies, which shall include one (1) U.S. History and at least one (1) unit of Government including Constitution of the United States.
3. Three (3) units of science of which one must be a laboratory course.
4. Four (4) units of mathematics. A student can fill the 4th unit by passing a college level math ematics class or score 22 or higher on the mathematics portion of the ACT Test.
5. One (1) unit of physical education.
6. One (1) unit of technology.
7. One (1) unit of fine arts.
8. Sufficient electives to complete graduation credit requirements. Graduates will need twenty-six (26) credits.
9. Alternative for senior electives: credits earned at state accredited institutions of post-secondary education may be substituted for senior electives provided the following requirements are met:
   a. The credit is earned during the senior year.
   b. The student is able to provide evidence of enrollment, regular attendance, and satisfactory completion of the courses pursued.
   c. The student is enrolled in and pursuing his or her course of post-secondary education until the date of his or her class graduates or until the end of the term immediately preceding that date.
   d. Three semester hours of college credits are substituted for one (1) unit of high school credit or 180 clock hours of vocational training for one (1) unit of high school credit.
   e. The student fulfills all other requirements of USD #384 and graduates with his regular class.

Several classes are offered in conjunction with Manhattan Area Technical College for concurrent credit. These classes would qualify for high school and college credit. If interested, see the counselor for more information.

No credit will be given for a failed course. Credits will not be given for repeating a course unless the course was previously failed or consists of material not covered in the previous instruction. Credit will not be given for serving as office or library assistant, or teacher’s aides. Only 11th and 12th grade students may serve in these positions. Students may only serve as an aide during one class period.
CAREER PATHWAYS

Kansas’ secondary Career and Technical Education (CTE) Division has adopted the National Career Clusters model of 16 career clusters and has developed 37 pathways within these clusters.

Technological advances and global competition have transformed the nature of work. Tomorrow’s jobs will require more knowledge, better skills, and highly flexible workers who continually update their knowledge and skills. Our goal is to provide students with relevant contexts for learning through pathways to postsecondary success.

Career pathways link what students learn in school to the knowledge and skills they need for success in postsecondary education and careers. Career pathways are designed to provide a smooth transition from high school to postsecondary education (technical colleges, community colleges and universities), apprenticeship opportunities, the military, and/or the workplace. Kansas stakeholders from education, business and industry developed the courses that enable this transition.

Blue Valley High School offers several pathways that address the need for high skill, high wage, and high demand careers in the 21st Century.

WHY CAREER PATHWAYS ACTUALLY MATTER

Career pathways are an integrated collection of programs and services intended to develop students’ core academic, technical and employability skills; provide them with continuous education; and place them in high-demand, high-opportunity jobs. Career pathway initiatives allow youth to combine work and education while obtaining in-demand postsecondary credentials. The career pathway “movement” is providing a mechanism by which training institutions, community-based organizations, employers, and workers can come together in an organized fashion.

There are many benefits available for students selecting a career pathway:

- Gain foundational knowledge for a career through a sequence of courses within an area of interest
- Hands-on learning in the classroom
- Workplace experience through job shadowing and/or internships
- Develop soft skills for employability
- Emphasize career readiness development for the workplace
- Connect your career interests from high school to skilled technical training, college degree programs, and/or introductory jobs in the workforce
- Availability of scholarships for post-secondary classes
- Network connections in a career field
- Develop mentoring relationships in the community
- Industry certification available upon completion
COURSE DESCRIPTIONS
Classes are a year-long class unless otherwise indicated.

GENERAL CLASS INFORMATION

Learning Academy: Learning Academy is a freshman and sophomore course designed to encourage students to read for improved comprehension. Students will have the opportunity to read silently each day and take tests to identify areas needing work. Learning Academy will also give students study time to complete classwork.

Seminar: A seminar period will be held each day after 1st hour. Seminars will be used for an advisory period with an emphasis on regular Career Cruising activities. Sponsors of school organizations will hold meetings during seminar. Students may have time for using the library and study time. This period may also be used for students to have Second Breakfast.

Teacher’s Aide: Juniors and seniors may apply to be a teacher's aide during one class period. Students will be asked to complete various clerical tasks for a teacher.

Work Study: Seniors who have met their graduation requirements may enroll in a work study program during the spring semester. Guidelines for the program can be reviewed in the Student Handbook.

AGRICULTURE

Agricultural Explorations, 68001: This is a foundational course for 8th graders where they learn the fundamentals about FFA, SAEs, and dive into four major topics related to course work available in the offered ag pathways to include animal science, plant science, shop skills, and natural resources. (Offered every year)

Animal Science, 18101: Animal Science is a course that explores the diverse animal species raised on farms along with management practices and the scientific principles we use to make those management decisions. During the course the following broad topics will be discussed: animal nutrition, animal genetics, animal reproduction, and animal health. Over the course of the year students will care for a model species and be responsible for daily chores and on call for rotational weekends. This serves as a Foundational SAE for all students enrolled in the class. Finally, students will prepare for various FFA judging contests including: Livestock, Dairy Cattle, Poultry, and Horse that will apply learning from the classroom. (Offered every year)

Veterinary Science, 18105: Veterinary Science is a course that explores the scientific concepts behind veterinary practice. This will be a college level paced course that will seek to apply knowledge that had been gained from animal science, biology, and chemistry. Topics covered in the course will include: anatomy and physiology, preparation for the Vet Science CDE, principles of disease, handling/restraint for large and small animals, and veterinary surgical procedures. (Offered as an Independent Study)

Small Animal Care, 18102: Students will take a deep dive into the diverse array of common and exotic small animal pet species. The course will focus on breed identification, care and management, handling/restraint techniques, medical procedures specific for small animal
care, pet grooming, and finally small animal pet nutrition. Course will include a variety of industry guest speakers along with hands-on practice with live small animals. Finally, the conclusion of the course will allow students to apply for a Veterinary Assistant Certification.

**Agricultural Marketing and Management, 18201:** The course allows students to help manage the various school-based enterprises a part of the Blue Valley Agricultural Education program. In the class students will help build budgets, marketing plans, and perform management oversight for the Greenhouse, Ag Shop, and Dog Grooming Clinic. The class will also participate in both the Ag Sales and Ag Marketing contests during the school year.

**Agricultural Mechanics, 18401:** Ag Mechanics is a survey course meant to provide students a wide-breadth of exposure to the variety of tools and careers found in the Power, Structural, and Technical Pathway. The course is structured as fast-pace, two-week exploratory units blending the use of various equipment to create small projects. Tools and topics include safety, machining, cold metal working, welding, CAD design, plasma cutting, woodworking, wood turning, small gas engines, drafting, electrical, 3D printing, wood laser, and numerous others. *(Offered every year)*

**Advanced Agricultural Mechanics, 18402:** Adv. Ag Mechanics allows completers of the Ag Mechanics course to apply their foundational skills from Ag Mechanics towards self-chosen independent projects. Requirements of projects include a bill of materials and draft. Projects can be from a variety of nature dependent on its relation to student skill. This course is designed for self-driven students who can establish reasonable timelines and meet project deadlines. Must be pre-approved by instructor to enroll. *(Offered every year)*

**Plant and Soil Science, 18058:** Plant/Soil emphasises agronomic production along with a special focus on range and soil management. Students will explore in-depth a variety of critical grain and forage crops grown throughout the Flint Hills and the Midwest. Students will learn how to assess a piece of land for various land uses and identify conservation techniques that can be used to preserve agricultural land. Finally, students will take an in-depth look at the range ecosystem and how it impacts our region and agriculture. Students will both raise various agronomic crops and also assist with rangeland restoration. *(Offered 2019–2020 & 2022–2023)*

**Horticulture, 18052:** Horticulture is a course that explores the science behind the growth of plants and management practices. During the course the following topics will be discussed: soil chemistry, entomology, plant anatomy and physiology, SAE development, bramble production and site selection, hydroponic production, poinsettia production management, bedding plant production management, landscape design and maintenance, nursery plant identification, floriculture identification, and a nine-week independent project of student choice. *(Offered 2020–2021 & 2023–2024)*

**Applications in Horticulture, 18071:** Is the upper level plant science course open to students who have taken either plant and soil science or horticulture. Applications in Horticulture is a course that explores student-led investigation into various horticultural applications. This could include three primary specializations: landscape design/maintenance, fruit/vegetable production, and greenhouse management. Students will be provided a high amount of latitude in the course and will be assessed by performance reviews and accomplishing scheduled projects. *(Offered 2021–2022 & 2024–2025)*
Natural Resource Management, 18504: Natural Resource Management is a course that explores the science behind our natural resources to include Wildlife, Water, and Soil along with their respective management practices. During the course the following topics will be discussed: inventory of local natural resources, water management, soil management, mining/logging, wildlife management, taxidermy, and outdoor recreation; including hunting, fishing, and boating; these will provide opportunities for student certifications. Over the course students will utilize both the outdoor learning lab and local proximity to Tuttle Lake. (Offered on odd years 2019–2020)

Wildlife and Environmental Management, 37506: The upper level course for students interested in learning and identifying various wildlife species and how to best manage land for their respective habitats. Focus of the course will be on applying scientific principles through best management practices in real-life situations using locally available natural resources at Fancy Creek State Park, the school’s Outdoor Learning Lab, local pastures, and Tuttle Lake. Students will take part in ecological restoration projects at each of these various sites. Student developed capstone for the course will include either a wildlife research project or a student-driven community service project at one of the selected sites. (Offered on even years 2020–2021)

Research in Agriculture, 18206: This is the capstone course for Juniors and Seniors within all ag pathways. Students will develop an investigative project within either their SAE, the Ag program, or broader agricultural community. Then students will also complete either a State Degree or Proficiency Award as a Spring Capstone project. Finally, this course is required for all leadership team members and manager-level students. Must be pre-approved by instructor to enroll. (Offered as an Independent Study)

Ag Food Science, 18305: A laboratory course designed to introduce students to agricultural and food products processing operations and management. It includes instruction in the characteristics and properties of agricultural products and processing and storage techniques. It also offers instruction in equipment used in food processing.

Advanced Food Science, 18317: Students will complete hands-on activities, projects, and problems that simulate actual concepts and situations found in the food science and safety industry, allowing students to build content knowledge and technical skills. Students will investigate areas of food science including food safety, food chemistry, food processing, food product development, and marketing.

ART

Introduction to Drawing/Art 1: Exploratory course focusing on the elements and principles of design through projects implementing a variety of medias and techniques. Art history and artistic habits will be implemented.

Graphic Design Fundamentals, 30102: GDF will introduce the elements and principles of art and design with a focus on utilizing them to create visually appealing compositions. Some computer technology will be employed but the focus will still be on creating thoughtful compositions through fine art media (you must be able to create on paper before on the computer). Semester class.
Photo Imaging, 30105: During Photo Imaging students will use the fundamentals learned in GDF to create using a camera. Students will learn the basics of equipment usage and the technical skills needed to produce quality images. Students will explore editing and manipulating digital images using Adobe Photoshop. **Semester class.**

Graphic Design, 05162/11154: This course focuses on learning and utilizing the program, Adobe Illustrator while integrating prior knowledge of the elements and principles of art and understanding the application and impact of graphic design. Conveying a message to viewer and problem solving are the primary components of this course. There will also be an infusion of graphic design history and the exploration of the graphic design field.

Project Management Yearbook, 31090: This course is the capstone for students’ Graphic Design and art experience. It is for students who are serious about their art. The focus of this course will be developing a concentration for the year and producing a quality portfolio by the end of the year. Students will engage in projects that benefit the school, stakeholders and community. Each student will be required to have an action plan, develop a concentration, set goals and deadlines, and be accountable for their progress.

Business

Keyboarding: Recommended for 6th grade. This course will provide instruction in developing basic keyboarding skills. Speed, accuracy, and keyboarding techniques will be improved using a keyboarding program. Introductory proofreading and editing will be taught.

Computer Skills: Recommended for 7th grade. Computer Skills will review the keyboard. The students will study the history of computers. The effective and efficient use of the Internet and Internet research will be taught. They will spend time on the ethical use of computers and social media. Students will research the hardware components needed to make up a computer and what various software packages can accomplish. Employability skills and career requirements will be introduced.

Document Processing: Recommended for 8th grade. This class will review the keyboard, practice keyboarding techniques, and improve speed and accuracy on the keyboard. Students will develop formatting skills for memorandums, letters, business reports, and tables while they learn introductory word processing skills. The importance of accuracy using proofreading and editing skills will be emphasized.

Accounting I, 12104: Recommended for sophomores-seniors. Accounting includes an introduction to double-entry accounting. Special emphasis is placed on the preparation of the documents necessary to complete the accounting cycle. Topics include: transactions, journals, financial statements, schedules, adjustments/closing entries, accounting cycle, cash control, bank reconciliation, and payroll. **No college credit.**

Advanced Accounting, 33108: Recommended for juniors-seniors. Emphasis on working with financial reporting and analysis, accounting information systems, internal control, depreciation, inventories, current and long-term assets, current and long-term liabilities, and equity for a merchandising business. Commercial and specialized accounting software is used to solve most problems. **Prerequisite:** Accounting I. **No college credit.**
Applied Business Development (Yearbook), 32200: Recommended for juniors-seniors. This course brings a variety of business experience together to develop, produce, and market a real-life product(s). In this case, it is a high school yearbook to commemorate the high school experience. Students will use business planning and organizational skills, management, marketing, and teamwork to achieve the goal of producing and selling the product to a consumer. In addition, students will produce programs for school events. **Prerequisite:** Computer Applications.

Business Communications, 12009: Recommended for freshmen-seniors. Business Communications introduces you to a variety of technical and business writing theories and practices designed to be applicable to the production of business communication in the real world. It teaches the fundamentals of good business writing, including protocols for business letters, memoranda, electronic mail, good and bad messages, persuasive messages and formal reports and proposals. There will be instruction in oral presentation and practice on both an individual and a collaborative basis. Students will identify ethical, legal, cultural, and global issues affecting business communication. **Semester class.**

Business Essentials, 12050: Recommended for freshmen-seniors. The students in this class will study the rudimentary principles of finance, marketing, operations, and management of a business. Students will discuss the history of business in the United States and the role of business in a global society. This course helps students prepare to take their place in the world of business and use their knowledge to become wise consumers. **Semester class.**

Computer Applications, 10004: Recommended for freshmen-seniors, required for graduation. Students will learn how to use specific computer software and hardware. They will learn about social and ethical responsibility issues related to computers. Students will...
have experience on two operating systems -- Windows and Macintosh OS. The first semester will be learning the Windows environment and then moving into Microsoft Office 2016 using Word, Excel, Access, Outlook, and PowerPoint. The second semester will be devoted to the Macintosh platform with an introduction to desktop publishing, image editing, drawing, graphics, and multimedia applications.

**Consumer & Personal Finance, 22210:**
Recommended for freshmen-seniors. This course is an introductory finance course explaining the role of business in our personal lives. Contents will give a solid basis for students considering further study in business as well as offering useful and practical aspects of living to those not intending further business studies. The curriculum will also include Dave Ramsey’s Foundations in Personal Finance.

**Entrepreneurship, 12053:**
Recommended for freshmen-seniors. The students in this class will study the organization, management, and risk of creating a business or enterprise. Types of business ownership, the relationship between government, business, and consumers will be explained. This course helps students prepare to become an entrepreneur, provides them with the skills needed to realistically evaluate their potential as a business owner, and guides them in building a business plan. **Semester class.**

**Web Page Design, 10201:**
Recommended for juniors-seniors. Students will learn how to develop a web page from inception to completion. Students will develop a flowchart, planning the navigation through the site. Students will select fonts, color, and graphics to enhance the web page topic. Design concepts will be taught to present the topic in an attractive manner. Students will research web standards and security to protect the integrity of the site. Ethical and legal publication online will be taught to ensure copyright and trademark rules are followed. The class covers the publishing of the page online, ensuring the page is shown to its best advantage in various browsers. Appropriate web resources and reference tools will be used to guide students in developing the site. **Prerequisite:** Computer Applications.

**ENGLISH / LANGUAGE ARTS**

**English I:**
Required for freshmen. This course uses modern novels and Shakespearean text to examine teen issues and the cultural structures that create them. Through individual and group work, students will learn the basics and expectations of high-school level discussion. Emphasis will be placed on writing conventions, on-demand writing, and utilizing textual and research-based evidence.

**English II:**
Required for sophomores. English II deals extensively with the idea of quality evidence. Through novels, drama and nonfiction reading, students will examine different types of evidence by evaluating and drawing conclusions. Students will examine and consider bias, primary vs. secondary sources, and the idea of “truth” in different cultures and time periods. The literary themes throughout the year will examine human nature – are people naturally good or bad? **Prerequisite:** English I.

**English III:**
Required for juniors. This class centers around American Literature, examining different characters’ pursuits of the American Dream. Through extensive and detailed novel study, students will focus on characterization and reliable narration. Students will examine novels through a historical lens, understanding and relating novels to the historical period they
existed within. The class will also hone students’ persuasive writing skills, focusing on using research and opinion in a well-crafted persuasive essay. **Prerequisite:** English II.

**English IV:** Required for seniors. English IV asks students to examine the relationship between man and society. By examining novels from different time periods that address various themes, students will relate novels to the real world and draw conclusions that connect characters to themselves and other characters in literary history. Students will regularly construct essays that are informative, persuasive and narrative in nature, focusing on the fine details of writing based on different purposes and goals. **Prerequisite:** English IV.

**Journalism:** They study the basic principles of journalism as they examine the role of printed news media in our society. They learn investigative skills, responsible reporting, and journalistic writing techniques as they read, respond to, and write their own news and feature articles.

**Novel Studies:** Novel studies focuses itself on close readings of novels across multiple genres. Students enrolled will choose the novels they are interested in, build their own reading schedules, and discuss their readings through discussion that will be led by both teacher and student. Students will be expected to read regularly outside of class, conduct close readings to examine novels for their literary worth, and will work cooperatively in groups.

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**FAMILY AND CONSUMER SCIENCE**

**Career and Life Planning, 22207:** Self-management courses introduce students to the skills and strategies helpful in becoming more focused, productive individuals. These course typically emphasize goal-setting; decision-making; managing time, energy, and stress; and identifying alternatives and coping strategies. They may also allow students to explore various career and lifestyle choices. **Semester class.**

**Nutrition and Wellness, 08057:** This course explores the relationship of basic nutrition and wellness across the lifespan. It includes an in-depth look at special dietary needs, regulations, technology and the global impact on nutrition and food choices. How to make wise nutrition and wellness choices to develop a healthy self will be a major component of this course as well as an introduction to the occupations related to the field. **Semester class.**

**Culinary Essentials, 16052:** These courses provide students with knowledge and skills related to sanitation and safety procedures, nutrition and dietary guideline, food preparation (and quantity food production) and meal planning and presentation. It may also include skills as related to institutional and commercial food service, management and customer service. **Semester class.**

**Foundations to Early Childhood Development, 19052:** Child development classes provide students with knowledge about the physical, mental, emotional, and social growth and development of children from conception to pre-school age, emphasizing the application of this knowledge in child care settings. These courses typically include related topics such as the appropriate care of infants, toddlers, and young children.
**Family Studies, 22208:** Family living courses emphasize building and maintaining healthy interpersonal relationships among family members and other members of society. These courses often emphasize (but are not limited to) topics such as social/dating practices, human sexuality and reproduction, marriage preparation, parenthood and the function of the family unit, and the various stages of life. They may also cover topics related to individual self-development, career development, personal awareness, and preparation for the responsibilities of a family member and wage earner. *Semester class.*

**Consumer and Personal Finance, 22210:** Consumer and Personal Finance explores the relationship of basic money management and consumer decision-making across the lifespan. It includes an in-depth look at risk management, use of credit, consumer rights and responsibilities, setting goals and impact of the family on personal finance decision making. How to make wise choices to develop a healthy financial self will be a major component of this course as well as an introduction to the occupations related to the field. *Semester class.*

**Human Growth and Development, 45004:** 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. *Semester class.*

**Community Connections, 22270:** Community Connections courses provide community based/ school based learning experiences mainly within the family and consumer sciences classroom. Learning goals are set by the student, teacher and community partners to create experiences and/or discussions to enhance the development of the 21st century skills (i.e. leadership, empathy, communication, problem-solving, cooperation, critical thinking, and resource management) needed to be successful in human services/family and consumer sciences related careers. *Semester class.*

**Career Connections, 22275:** Career Connections course provides human services/family and consumer sciences related work-based learning experiences (paid or unpaid) outside the traditional classroom. Learning goals are set by the student, teacher and employer/adult mentor to create field experiences and/or discussions related to human services/family and consumer sciences occupational technical skill. *Semester class.*

**Culinary Arts I, 16052:** This course integrates the knowledge, skills, and practices required for careers in the restaurant industry. Topics include the sources, symptoms, and preventions measures for common food illnesses, meal management, correct use of food production equipment and production and facility management principles. Students will also begin to develop culinary skills for a variety of food products. *Semester class.*

**Baking and Pastry I, 34057:** This course looks at the baking and pastry industry, and the equipment and procedures required. Topics include baking science, ingredient function and methods used for a quality product based upon industry standards. *Semester class.*

**Baking and Pastry II, 34059:** This course builds upon the Baking and Pastry 1 course by refining and expanding skills of production management. Topics also include analyzing the scientific reactions during production and expanding the skill development to address the finer aspects of the field. *Semester class.*
COURSE DESCRIPTIONS

Essentials of FAID, 30110: In this course you will have an overview of fashion, apparel, and interior design. We will discuss how principles and elements affect FAID. Also look at fibers and finishes that are made into fabrics. As well as a look into careers and opportunities that are in FAID. Semester class.

Apparel Production I, 19201: This course will cover the nature of the fashion and apparel industry and students will develop an understanding of fashion apparel and textiles. We develop our knowledge and skills of equipment and procedures used in fashion and apparel. We will develop our sewing skills by making a sample book and several sewing projects garments to quilts. You will also learn about some careers. Semester class.

Apparel Production II, 22212: In this course students will continue to work on advancing their sewing skills. We will do a project where we will reuse or alter a garment. We will use some different construction tools. Also look at careers in the Fashion, Apparel, and Textile Industry. You will keep an electronic portfolio that will include demonstration of knowledge, skills, and product samples. Semester class.

Interior Design, 19263: This course will prepare students for careers or post-secondary programs related to housing and interiors in business and industry. Projects are integrated throughout the course to provide authentic applications in design basics, colors, lighting, furniture styles and design. Students will have the opportunity to explore and experience career options in the Interior Design and Furnishings Industry. Semester class.

Interior Design II: This course will continue to prepare students for a career in Housing and Interior. Projects will be more advanced looking into construction such as roof styles, housing styles, and professional display boards. Students will have the opportunity to job shadow someone in the industry. Semester class.

FAID Studio, 30160: In this course you will be completing a design project from beginning to end. This would include an objective of project, budget, samples of materials, drawings, and presenting to clients. Semester class.

Fashion Trends, 30111: In this course we will examine fashion trends, the lifecycle of garments and the fundamental trends such as emotions with purchasing garments. We will also complete some of our own fashion designs. Semester class.

FOREIGN LANGUAGE

Spanish I: Recommended for freshmen-seniors. Students develop basic oral and written skills and vocabulary for communication in Spanish. A variety of activities and cultural units supplement the text. (Requires memorization and daily preparation.)

Spanish II: Recommended for sophomores-seniors. This course is a continuation of the skills learned in Spanish I, with emphasis on practical conversation, expansion of grammar, vocabulary, and cultural understanding. Prerequisite: Spanish I.
MATHEMATICS

All college bound students should enroll in the college preparatory Math program which includes Algebra I, II and Geometry to meet the Qualified Admissions standards.

Consumer Mathematics: Recommended for freshmen. This course teaches students applications to everyday life skills. It includes budgeting, filling out tax forms, transportation costs, banking, housing, and other life related skills.

Algebra I: Recommended for freshmen. Students will deepen and extend their understanding of previous algebraic concepts. Topics for this course include linear functions, exponential functions and sequences, quadratic functions, data analysis and modeling while engaged in the mathematical practice standards.

Geometry: Recommended for sophomores-seniors. Topics for this course include definitions, properties, & measurements of geometric figures, properties of parallel lines, rotations, translations, proofs, study of the Pythagorean Theorem, basic constructions, coordinate geometry and trigonometry. Prerequisite: Algebra I.

Algebra II: Recommended for juniors-seniors. The topics covered in this course will include mathematical operations and graphing and solving systems of equations, linear and quadratic equations and inequalities, polynomial equations, rational equations, sequences and series, trigonometry, probability, complex numbers, exponential and logarithmic functions, use/graph/write equations of conics. Prerequisite: Geometry.

Calculus/Trigonometry: Recommended for juniors-seniors. Advanced algebra, geometry, and trigonometry concepts are studied in this course. Basic calculus principles are introduced. Prerequisite: Algebra II.

Pre-Calculus (with Trigonometry and Analytic Geometry): Recommended for seniors or juniors planning to take Calculus during senior year: Emphasis during the fall semester will be on trigonometry and functions. Second semester will cover analytic geometry, limits, and derivatives. Prerequisite: Algebra II.

Calculus: Recommended for college-bound seniors: Emphasis during the fall semester will be functions, graphs, limits, and the basics of derivatives. Second semester will cover second derivatives, applications of derivatives, integrals and their application. Prerequisite: Pre-Calculus.

Math Analysis and Analytic Geometry: Recommended for college-bound seniors: Emphasis during the first semester will be on analytic geometry. Second semester focuses on applied mathematics with real-world situations. The class is designed to spotlight mathematics as a powerful problem-solving tool. Prerequisite: Pre-Calculus or Trigonometry.
MUSIC

**Band:** Recommended for freshmen-seniors. This class is designed to build the musical skills that were learned and used in middle school. It will help students pursue instrumental music education at a more advanced level and will provide them with an opportunity for social and esthetic enjoyment through music. The band consists of the following components: 1) Marching Band; 2) Pep Band; 3) Concert Band. The students are given the opportunity to participate in small ensembles and solos, but it is not required.

**Vocal Music:** Recommended for freshmen-seniors. The students will learn the basic fundamentals of singing. It gives the student an opportunity to sing as part of a group and to enjoy and appreciate vocal music. The members of choir will experience standard concert music, popular music, and singing in ensembles. The opportunity to participate in small ensembles and solos is also given in vocal, but not required.

PHYSICAL EDUCATION

**Completed KSHSAA Physical Examinations are required for enrollment in any P.E. course.**

**Physical Education/Health:** Required for freshmen. Through physical activities the class promotes physical fitness, gross motor skills, game sports, and recreational activities. The class is open to both boys and girls, with emphasis on developing sportsmanship, personality and character growth, and good habits of health and safety through written evaluation of health and human sexuality.

**Weight Training I / II:** Recommended for sophomores-seniors. Apply knowledge of a structured workout plan with free weights in order to increase muscular strength and endurance, increase muscular flexibility and aide in recovery and prevention of athletic injuries. Students will understand the benefits of weight training and a total physical fitness program and how these relate to an enhanced overall quality of life. **Prerequisite:** Freshman P.E.

**Fitness for Life:** Recommended for sophomores-seniors. Apply knowledge of a structured workout plan with free weights in order to increase muscular strength and endurance, increase muscular flexibility and aide in recovery and prevention of athletic injuries. Students will identify the location and function of the major muscle groups and how to develop these groups. Students will understand the benefits of weight training and a total physical fitness program and how these relate to an enhanced overall quality of life. This will increase students’ self-image as relates to cosmetic improvements inherent in weight training with emphasis on nutrition. **Prerequisite:** Freshman P.E.
Earth Science: Recommended for freshmen. Earth Science is a laboratory-based course designed to interpret and understand the world around us by investigating the geosphere, atmosphere, hydrosphere, and biosphere. Students learn about the composition of the Earth by mapping the Earth’s surface, field studies, and understanding rocks and minerals. Students explore the surface processes that shape the landforms and landscapes of the Earth. They also explore the interactions between the atmosphere and hydrosphere in relation to the Earth’s weather and climate. Finally, students study earthquakes, volcanoes, and plate tectonics to better understand our ever-changing Earth.

Biology: Recommended for sophomores. Biology is a laboratory-based course that focuses on the process of scientific investigation through the study of living things and the world in which we live. The course is organized by taxonomic classification (Archaea, Bacteria, protists, Fungi, plants, and animals). Students explore the living world by examining the concept of the model organism by its classification, metabolism, and cellular structure, in light of the diversity of form and physiology. Throughout the course, model organisms are used to better understanding genetic, ecological, and evolutionary principles. Prerequisite: Earth Science.

Chemistry: Recommended for sophomores-seniors. Chemistry is a laboratory-based course that will introduce students to the study of the physical world and inorganic chemical principles. Students first examine the placement of elements into chemical families based on periodic trends. Next they explore states of matter and intermolecular forces. Special attention is given to types of bonding. Students evaluate chemical reactions in light of stoichiometry and dimensional analysis. Special attention is given to acids and bases and oxidation and reduction reactions. Prerequisite: Earth Science.

Applied Statistics and Analysis in Science: Recommended for juniors-seniors. Applied Statistics and Analysis in Science is a keystone course for seniors who plan careers in science, technology, engineering, or mathematics by showing students scientific applications of mathematics in the disciplines of biology, chemistry, earth science, and physics. Practical real-life applications of the materials studied are emphasized using both case studies and field studies. Students will be required to complete engineering challenges as a component of each unit. Prerequisite: Two years of Science.

Physics: Recommended for juniors-seniors. Physics is a lab-based course in which students will be introduced two-dimensional motion based on Newtonian dynamics, circular motion and gravitation, General and Special Relativity, fluid mechanics, thermodynamics, waves, vibrations, light, sound, electricity and circuits, and atomic and subatomic physics. Students will be required to complete several engineering challenges throughout the courses including construction of a life-size catapult, a cardboard and duct tape boat, and a functioning wind turbine model. Students will apply their knowledge of pneumatics and electricity by completing five programming modules using the Arduino open-source electronics platform. Prerequisite: Two years of Science.
COURSE DESCRIPTIONS

College Biology (5 credit hours): Recommended for juniors-seniors. This course will enable the student to apply basic biological principles to relevant situations in his or her daily life. The student will apply the scientific process to problem solving and deductive reasoning to analyze and interpret observations. The learning outcomes and competencies meet or exceed the outcomes and competencies specified by the Kansas Core Outcomes Project for this course, as sanctioned by the Kansas Board of Regents. Prerequisite: High School Biology and 23 on ACT Science.

SOCIAL SCIENCE

Kansas History/ Geography: Required for 7th grade. The first semester of this course covers the basic landscapes of the state of Kansas and mostly focuses on the history/beginnings of Kansas as a territory and a state. The majority of the course focuses on Kansas in the 19th century but the 20th century is also addressed.

The second semester course focuses on World Geography. In this course, students will learn the 5 Themes of Geography, Location, Place, Region, Movement, and Human-Environment Interaction. With these 5 themes, students will learn to read maps, identify landforms, climate, cultures, weather patterns, and basic economic principles.

U.S. History: Required for 8th grade. This course covers a broad timeline of history from the 15th-19th centuries in North America, focusing mostly on the beginnings of the United States Pre-Revolutionary War all the way through the time of the Civil War.

Current Events: Recommended for 9th grade. This course covers a broad range of subjects in Social Sciences including politics, geography, science, health research, world relations, economics, and other news stories. Students will also learn, recognize, and evaluate significant choices made by individuals, communities, states, and nations that have impacted our lives and futures. Students will also be expected to improve on using appropriate social skills and participate in gestures of proper upstanding citizenship.

World History: Recommended for 10th grade. This course helps students gain a historical overview of the world from the beginning of known civilization to the present. It focuses primarily on ancient civilizations, the Renaissance, the Enlightenment, and the Scientific Revolution. The course studies many places and time periods but the majority of content covers European History.

U. S. History: Required of 11th grade. This course follows the timeline of United States history from the Civil War to present day. Major focuses of this course are the expansion of U.S. territories, laws dealing with slavery, the idea of manifest destiny, imperialism, wars, politics, and economics.

U.S. Government: Required for 12th grade. This course studies the formation of our government, the constitution, laws that govern our everyday living, and the structure of our democratic government. Students will learn what ways they can positively influence their communities and also build on their existing knowledge of what it takes to be an upstanding citizen. Prerequisite: U. S. History.
Financial Literacy: Before graduation, students are encouraged to take a course on Financial Literacy. This course is offered online and teaches students the basic responsibilities of proper personal budgeting. This course is intended to help students learn about the dangers of improper financial management and also to encourage proper financial management.
ANIMAL SCIENCE PATHWAY
CIP Code 01.0901

PATHWAY COURSES

INTRODUCTORY LEVEL
*EXPLORATORY AGRICULTURE
1 credit
8th grade only

TECHNICAL LEVEL
*ANIMAL SCIENCE
1 credit
9th-12th grade

APPLICATION LEVEL
*VETERINARY SCIENCE
1 credit
10th-12th grade

OR
*SMALL ANIMAL CARE
1 credit
9th-12th grade

RESEARCH IN AG
1 credit
11th-12th grade
Instructor approval

AGRICULTURE MARKETING & MANAGEMENT
1 credit
10th-12th grade
Instructor approval

*REQUIRED FOR PATHWAY

CAREER OUTLOOK
Animal Scientists & Related Occupations
Median salary $63,370, national job growth 7.3%

Veterinary Technologists
Median salary $30,870, national job growth 19%

Veterinarian Occupations
Median salary $79,160, national job growth 9%

Animal Health & Feed Sales
Median salary $74,140, national job growth 6.9%

CAREER OPPORTUNITIES
• Veterinary Technologists/Veterinary & Lab Assistants
• Veterinarians
• Animal/Meat Scientists
• Embryo Technologists/Livestock Geneticists/Animal Breeders
• Feed Research & Sales
• Purchasing Agents
• Farmers, Ranchers
• Farm & Ranch Managers
• Agricultural/Livestock/USDA Inspectors
• Zoologists
• Wildlife Biologist
• Farm & Nonfarm Animal Caretakers
• Pet Store Operators
• Agriculture Education
PATHWAY COURSES

INTRODUCTORY LEVEL

*EXPLORATORY AGRICULTURE
1 credit
8th grade only

TECHNICAL LEVEL

*FOOD SCIENCE
1 credit
9th-12th grade

APPLICATION LEVEL

*ADVANCED FOOD SCIENCE
1 credit
10th-12th grade

RESEARCH IN AG
1 credit
11th-12th grade only
Instructor approval

AGRICULTURAL MARKETING & MANAGEMENT
1 credit
10th-12th grade
Instructor approval

*REQUIRED FOR PATHWAY

CAREER OUTLOOK

Agricultural & Food Scientists
Median salary $64,020, national job growth 7%

Biochemists & Biophysicists
Median salary $93,280, national job growth 6%

Food Production Occupations
Median salary $31,580, national job growth 11%

Food Service Occupations
Median salary $22,750, national job growth 14%

CAREER OPPORTUNITIES

- Food Scientist
- Plant and Soil Scientist
- Animal Scientist
- Environmentists
- Farmers, Ranchers
- Farmworkers, Laborers
- Agronomists
- Botanists
- Veterinarians
- Microbiologists

- Chemical Technicians
- Biochemist/Biophysicists
- Food Manufacturers
- Restaurant Owners/Managers
- Food Service Workers
- Chef/Food Preparation Workers
- Geneticist
- Plant/Animal Breeder
PATHWAY COURSES

INTRODUCTORY LEVEL
*EXPLORATORY AGRICULTURE
  1 credit
  8th grade only

TECHNICAL LEVEL
*NATURAL RESOURCES MANAGEMENT
  1 credit
  9th-12th grade

APPLICATION LEVEL
*WILDLIFE & ENVIRONMENTAL MANAGEMENT
  1 credit
  10th-12th grade

RESEARCH IN AG
  1 credit
  11th-12th grade
  Instructor approval

AGRICULTURAL MARKETING & MANAGEMENT
  1 credit
  10th-12th grade
  Instructor approval

*REQUIRED FOR PATHWAY

CAREER OUTLOOK

Fish & Game Warden Occupations
Median salary $41,160, national job growth 5.3%

Cartographers/Photogrammetrists
Median salary $47,060, national job growth 29.3%

Wildlife Managers & Related Occupations
Median salary $91,160, national job growth 3.3%

Environmental Scientists/Specialists
Median salary $54,010, national job growth 10.7%

CAREER OPPORTUNITIES

- Geologists/Technicians
- Environmental Scientists/Technicians
- Ecologists
- Medical Scientists/Toxicologists
- Forest/Conservation/Range Managers
- Fish & Game Wardens
- Wildlife Management
- Logging Occupations
- Excavating/Loading/Heavy Equipment
- Mining Safety
- Hydrologists
- Geographers
- Hazardous Materials Removal
- Cartographers
- Park Managers
PATHWAY COURSES

INTRODUCTORY LEVEL
*EXPLORATORY AGRICULTURE
1 credit
8th grade only

TECHNICAL LEVEL
*PLANT & SOIL SCIENCE
1 credit
9th-12th grade
OR
*HORTICULTURE
1 credit
9-12th grade

APPLICATION LEVEL
*APPLICATIONS IN HORTICULTURE
1 credit
10th-12th grade only
Instructor approval

AGRICULTURAL MARKETING & MANAGEMENT
1 credit
10th-12th grade
Instructor approval

*REQUIRED FOR PATHWAY

CAREER OUTLOOK

Landscaping/Groundkeeping Occupations
Median salary $23,300, national job growth 6.1%

Conservation Scientist Occupations
Median salary $68,680, national job growth 6.9%

Education & Extension Specialists
Median salary $50,050, national job growth 10.9%

Biotechnology Lab Technicians/Specialists
Median salary $36,310, national job growth 5.2%

CAREER OPPORTUNITIES

- Soil & Water Specialists
- Ag/Food Science
- Biotechnologists
- Landscaping, Lawn Service, Groundkeeping
- Golf Course Managers
- Hay, Silage Operators
- Grain Operations
- Nursery/Greenhouse Workers
- Farmworkers, Laborers
- Commodities/Financial Services
- Soil & Plant Scientists
- Crop/Farm Managers
- Botanists
- Geneticists/Aquaculture/Plant Breeders
- Growers/Distributors
- Agriculture Education
POWER, STRUCTURAL AND TECHNICAL PATHWAY
CIP Code 01.0201

PATHWAY COURSES

INTRODUCTORY LEVEL
*EXPLORATORY AGRICULTURE
1 credit
8th grade only

TECHNICAL LEVEL
*AG MECHANICS
1 credit
9th-12th grade

APPLICATION LEVEL
*ADVANCED AG MECHANICS
1 credit
10th-12th grade

RESEARCH IN AG
1 credit
11th-12th grade only
Instructor approval

AGRICULTURAL MARKETING & MANAGEMENT
1 credit
10th-12th grade
Instructor approval

*REQUIRED FOR PATHWAY

CAREER OUTLOOK

Farm Equipment Mechanics/Service
Median salary $35,400, national job growth 7.2%

Welder, Cutter, Solderer, Brazer Occupations
Median salary $33,480, national job growth 3.6%

Mechinists & Related Occupations
Median salary $37,170, national job growth 9.8%

Agricultural Engineers
Median salary $73,620, national job growth 2.2%

CAREER OPPORTUNITIES

- Electrical/Electronics
- Computer Service
- Ag Software Developers
- Environmental Scientists
- Recycling Technicians
- Telecommunications Equipment Operators
- GPS Technicians
- Surveying/Mapping
- Machinists
- Cutters, Solderers, Welders, Braziers
- Water/Liquid Waste Treatment Plant
- Machine/Equipment Operators
- Agricultural Engineers
- Remote Sensing Specialists
- Agriculture Education
PATHWAY COURSES

INTRODUCTORY LEVEL
COMPUTER APPLICATIONS
1 credit

TECHNICAL LEVEL
*GRAPHIC DESIGN FUNDAMENTALS
0.5 credit
PHOTO IMAGING
0.5 credit
GRAPHIC DESIGN
1 credit

APPLICATION LEVEL
*PROJECT MANAGEMENT (YEARBOOK)
1 credit
Prerequisite: Computer Applications

*REQUIRED FOR PATHWAY

CAREER OUTLOOK

Graphic Designers
Median salary $50,370, national job growth 4%

Drafters (Architecture and Engineering)
Median salary $55,550, national job growth 7%

Art Director
Median salary $92,780, national job growth 5%

Technical Writers
Median salary $71,850, national job growth 11%

CAREER OPPORTUNITIES
- Art Director
- Creative Director
- Drafter (Architecture and Engineering)
- Film and Video Editor
- Graphic Designer
- Industrial/Product Designer
- Marketing Manager
- Multimedia Artist/ Animator
- Technical Writer
- Web Designer
- Photo Editor
BUSINESS FINANCE PATHWAY
CIP Code 52.0801

PATHWAY COURSES

INTRODUCTORY LEVEL
*BUSINESS ESSENTIALS
.5 credit

COMPUTER APPLICATIONS
1 credit

TECHNICAL LEVEL
*ACCOUNTING
1 credit

*CONSUMER & PERSONAL FINANCE
1 credit

ENTREPRENEURSHIP
.5 credit

APPLICATION LEVEL
*ADVANCED ACCOUNTING
1 credit
Prerequisite: Accounting I
OR

*BUSINESS ACCOUNTING
*FINANCIAL ACCOUNTING
.5 credit each
College credit through MATC

*REQUIRED FOR PATHWAY

CAREER OUTLOOK
Business and Financial Occupations
Salary $48,000 - $96,000
Kansas job growth 15.8%

CAREER OPPORTUNITIES
• Accountants/Auditors
• Bankers/Tellers
• Budget Analysts
• Event Planners and Fundraisers
• Human Resources
• Purchasing Managers
• Insurance Adjustors and Representatives
• Labor Relation Specialists
• Assessors
• Financial Advisors and Planners
• Chief Financial Officers
• Logisticians
• Market Analysts
• Tax Examiners and Preparers
PATHWAY COURSES

INTRODUCTORY LEVEL

*BUSINESS ESSENTIALS
.5 credit

COMPUTER APPLICATIONS
1 credit

TECHNICAL LEVEL

*ENTREPRENEURSHIP
.5 credit

*BUSINESS COMMUNICATIONS
.5 credit

*BUSINESS MANAGEMENT
.5 credit

ACCOUNTING
1 credit

ADVANCED ACCOUNTING
1 credit

Prerequisite: Accounting

WEB PAGE DESIGN
1 credit

APPLICATION LEVEL

*APPLIED BUSINESS DEVELOPMENT (YEARBOOK)
1 credit

Prerequisite: Computer Applications

*REQUIRED FOR PATHWAY

CAREER OUTLOOK

Business Management Occupations
Salary $35,000 - $130,000, Kansas job growth 5.6%

Office and Administrative Support Occupations
Salary $25,000 - $45,000, Kansas job growth 8.4%

Sales and Related Occupations
Salary $40,000 - $82,000, Kansas job growth 5.2%

Computer Information Technology Occupations
Salary $55,000 - $125,000, Kansas job growth 18.8%

CAREER OPPORTUNITIES

- Receptionists
- File Clerks
- Administrative Assistants
- Data Processors
- Desktop Publishing
- Computer Analysts and Programmers
- Systems Analysts
- Marketing, Operations, and Sales Managers
- Computer Information Systems
- Food Service, Lodging, Human Resource, and Public Relations Managers
- Training and Development Managers
- Public Administration
- Chief Executive Officers
EARLY CHILDHOOD DEVELOPMENT AND SERVICES
CIP Code 19.0799

PATHWAY COURSES

INTRODUCTORY LEVEL
CAREER & LIFE PLANNING
.5 credit
INTRODUCTION TO FAMILY & CONSUMER SCIENCES
1 credit

TECHNICAL LEVEL
*HUMAN GROWTH & DEVELOPMENT
.5 credit
*FAMILY STUDIES
.5 credit
*FOUNDATION TO EARLY CHILDHOOD DEVELOPMENT
1 credit

APPLICATION LEVEL
COMMUNITY CONNECTIONS
.5 credit
CAREER CONNECTIONS
.5 credit

*REQUIRED FOR PATHWAY

CAREER OUTLOOK
Social Work Occupations
Salary $39,000 - $62,000, Kansas job growth 8%

Personal Care, Social and Human Services
Salary $23,000 - $33,000, Kansas job growth 27%

Mental Health Occupations
Salary $43,000 - $75,000, Kansas job growth 18%

Career and Technical Education Occupations
Salary $58,000, Kansas job growth 7%

CAREER OPPORTUNITIES
- Fitness and Aerobics Instructors
- Personal Care Aides
- Social and Human Service Assistants
- Social Worker
- Clinical, Counseling and School Psychologist
- Community Health Work
- Mental Health Counselors Career and Technical Education Teachers
- Marriage and Family Therapists
- Nutritionist/Dietician
- Credit Counselor
- Social and Community Service Managers
PATHWAY COURSES

INTRODUCTORY LEVEL
CAREER & LIFE PLANNING .5 credit
INTRODUCTION TO FAMILY & CONSUMER SCIENCES 1 credit

TECHNICAL LEVEL
*HUMAN GROWTH & DEVELOPMENT .5 credit
*FAMILY STUDIES .5 credit
*CONSUMER & PERSONAL FINANCE .5 credit
NUTRITION & WELLNESS .5 credit
CULINARY ESSENTIALS .5 credit

APPLICATION LEVEL
COMMUNITY CONNECTIONS .5 credit
CAREER CONNECTIONS .5 credit

*REQUIRED FOR PATHWAY

CAREER OUTLOOK
Social Work Occupations
Salary $39,000 - $62,000, Kansas job growth 8%

Personal Care, Social and Human Services
Salary $23,000 - $33,000, Kansas job growth 27%

Mental Health Occupations
Salary $43,000 - $75,000, Kansas job growth 18%

Career and Technical Education Occupations
Salary $58,000, Kansas job growth 7%

CAREER OPPORTUNITIES
• Fitness and Aerobics Instructors
• Personal Care Aides
• Social and Human Service Assistants
• Social Worker
• Clinical, Counseling and School Psychologist
• Community Health Work
• Mental Health Counselors
• Career and Technical Education Teachers
• Marriage and Family Therapists
• Nutritionist/Dietician
• Credit Counselor
• Social and Community Service Managers
PATHWAY COURSES

INTRODUCTORY LEVEL
- CAREER & LIFE PLANNING .5 credit
- INTRODUCTION TO FAMILY & CONSUMER SCIENCES 1 credit
- INTRODUCTION TO DRAWING .5 credit

TECHNICAL LEVEL
- *ESSENTIALS OF FAID .5 credit
- *FASHION TRENDS .5 credit
- *APPAREL PRODUCTION I .5 credit
- APPAREL PRODUCTION II .5 credit
- *INTERIOR DESIGN I .5 credit

APPLICATION LEVEL
- FAID STUDIO .5 credit
- CAREER CONNECTIONS .5 credit

*REQUIRED FOR PATHWAY

CAREER OUTLOOK

Interior Design Occupations
Median salary $53,000, national job growth 4%

Fashion Design Occupations
Median salary $72,000, national job growth 3%

Apparel Production Occupations
Median salary $39,000, national job growth 2.3%

Buyers and Purchasing Agents
Median salary $66,000, national job growth -3%

CAREER OPPORTUNITIES
- Textile Technologist
- Fashion Designer
- Fashion Illustrator
- Fashion Writer and Forecaster
- Apparel Designer and Producer
- Merchandiser
- Personal Stylist
- Buyer
- Retail Management
- CAD Designer/Drafter
- Furniture Designer
- Room Designer
- Set Decorator
- Facility and Space Planner
- Sales Representative
- Ergonomic Consultant
- Preservationist
RESTAURANT AND EVENT MANAGEMENT PATHWAY
CIP Code 12.0504

PATHWAY COURSES

INTRODUCTORY LEVEL
CAREER & LIFE PLANNING .5 credit
BUSINESS ESSENTIALS .5 credit
INTRODUCTION TO FAMILY & CONSUMER SCIENCES 1 credit

TECHNICAL LEVEL
*CULINARY ESSENTIALS .5 credit
NUTRITION & WELLNESS .5 credit
*CULINARY ARTS 1 credit
BAKING & PASTRY I .5 credit
BAKING & PASTRY II .5 credit
FOOD SCIENCE 1 credit
ENTREPRENEURSHIP .5 credit

APPLICATION LEVEL
COMMUNITY CONNECTIONS .5 CREDIT
CAREER CONNECTIONS .5 credit

*REQUIRED FOR PATHWAY

CAREER OUTLOOK

Food Service Occupations
Median salary $27,000, national job growth 14%

Meeting and Event Planners
Median salary $49,000, national job growth 11%

Lodging and Accommodations Occupations
Median salary $42,000, national job growth 2.4%

Recreational Services
Median salary $25,000, national job growth 9%

CAREER OPPORTUNITIES

- Food Preparation Assistants
- Wait Staff
- Cooks and Chefs
- Bartenders
- Hosting Services
- Lodging Desk Clerk
- Lodging Managers
- Housekeeping Staff
- Public Relations
- Event Managers
- Personnel Managers
- Trainers and Instructors
- Recreation Directors
- Recreation Service Attendants
- Celebrity Agents
- Ushers
- Lobby Attendants
- Ticket takers
## SAMPLE STUDENT SCHEDULE

<table>
<thead>
<tr>
<th>REQUIREMENTS</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Language Arts</strong></td>
<td>English I</td>
<td>English II</td>
<td>English III</td>
<td>English IV</td>
</tr>
<tr>
<td>4 units</td>
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</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>Consumer Math or Algebra or Geometry</td>
<td>Algebra or Geometry or Algebra II</td>
<td>Geometry or Algebra II or Calculus/Trigonometry or Pre-Calculus</td>
<td>Algebra II or Calculus/Trigonometry or Pre-Calculus or Calculus or Math Analysis/Analytic Geometry</td>
</tr>
<tr>
<td>4 units</td>
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</tr>
<tr>
<td><strong>Science</strong></td>
<td>Earth Science</td>
<td>Biology and/or Chemistry</td>
<td>Chemistry or Physics or College Biology or Applied Statistics</td>
<td>Physics or College Biology or Applied Statistics</td>
</tr>
<tr>
<td>3 units, 1 w/lab</td>
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</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>Current Events</td>
<td>World History</td>
<td>U. S. History/Financial Literacy</td>
<td>U. S. Government</td>
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<tr>
<td>3 units</td>
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</tr>
<tr>
<td><strong>Physical Education</strong></td>
<td>PE/Health</td>
<td>Fitness for Life or Weight Training</td>
<td>Fitness for Life or Weight Training</td>
<td>Fitness for Life or Weight Training</td>
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<tr>
<td>1 unit</td>
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</tr>
<tr>
<td><strong>Technology</strong></td>
<td>Computer Applications</td>
<td>Computer Applications</td>
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<tr>
<td>1 unit</td>
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</tr>
<tr>
<td><strong>Fine Arts</strong></td>
<td>Art or Music or Spanish</td>
<td>Art or Music or Spanish</td>
<td>Art or Music or Spanish</td>
<td>Art or Music or Spanish</td>
</tr>
<tr>
<td>1 unit</td>
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</tbody>
</table>
# SAMPLE STUDENT SCHEDULE

<table>
<thead>
<tr>
<th>Electives</th>
<th>Minimum 9 units</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English Elective:</strong> Novel Studies</td>
<td><strong>Plant Systems Pathway Electives:</strong> Exploratory Agriculture, Plant &amp; Soil Science, Horticulture, Applications in Horticulture, Research in Ag (must be pre-approved by instructor)</td>
</tr>
<tr>
<td><strong>Fine Arts Elective:</strong> Introduction to Drawing, Art I-IV (prerequisite is previous year’s credit), Graphic Design Fundamentals, Photo Imaging, Graphic Design (prerequisite is Graphic Design Fundamentals and Photo Imaging), Project Management Yearbook (prerequisite is Computer Applications), Band, Vocal Music, Spanish I-II (prerequisite is previous year’s credit)</td>
<td><strong>Power, Structural &amp; Technical Electives:</strong> Exploratory Agriculture, Ag Mechanics, Advanced Ag Mechanics (must be pre-approved by instructor), Research in Ag (must be pre-approved by instructor)</td>
</tr>
<tr>
<td><strong>Physical Education Electives:</strong> Weight Training I-II (prerequisite is previous year’s credit), Fitness for Life</td>
<td><strong>Early Childhood Development &amp; Services Pathway Electives:</strong> Career &amp; Life Planning, Intro to Family and Consumer Sciences, Human Growth &amp; Development, Family Studies, Foundations to Early Childhood Development, Nutrition &amp; Wellness, Culinary Essentials, Community Connections, Career Connections</td>
</tr>
<tr>
<td><strong>Graphic Design Pathway Electives:</strong> Introduction to Drawing, Art I-IV (prerequisite is previous year’s credit), Graphic Design Fundamentals, Photo Imaging, Graphic Design (prerequisite is Graphic Design Fundamentals and Photo Imaging), Graphic Design Project Management/ Applied Business Development (Yearbook, prerequisite is Computer Applications)</td>
<td><strong>Restaurant and Event Management Pathway Electives:</strong> Career &amp; Life Planning, Business Essentials, Intro to Family and Consumer Sciences, Culinary Essentials, Nutrition &amp; Wellness, Culinary Arts, Baking &amp; Pastry I-II, Food Science, Entrepreneurship, Community Connections, Career Connections</td>
</tr>
<tr>
<td><strong>Animal Science Pathway Electives:</strong> Exploratory Agriculture, Animal Science, Veterinary Science, Small Animal Care, Research in Ag (must be pre-approved by instructor)</td>
<td><strong>Business Management &amp; Entrepreneurship Pathway Electives:</strong> Computer Applications, Business Essentials, Entrepreneurship, Business Communications, Business Management, Accounting, Web Page Design (prerequisite is Computer Applications), Applied Business Development (Yearbook, prerequisite is Computer Applications)</td>
</tr>
<tr>
<td><strong>Food Products &amp; Processing Systems Electives:</strong> Exploratory Agriculture, Food Science, Advanced Food Science, Research in Ag (must be pre-approved by instructor)</td>
<td><strong>Business Finance Pathway Electives:</strong> Computer Applications, Business Essentials, Entrepreneurship, Consumer and Personal Finance, Accounting I (college credit available in Business Accounting), Advanced Accounting (prerequisite is Accounting I, college credit available in Financial Accounting)</td>
</tr>
<tr>
<td><strong>Natural Resources &amp; Environmental Pathway Electives:</strong> Exploratory Agriculture, Natural Resources Management, Wildlife &amp; Environmental Management, Research in Ag (must be pre-approved by instructor)</td>
<td></td>
</tr>
</tbody>
</table>
### POST-SECONDARY DEGREE OPPORTUNITIES

<table>
<thead>
<tr>
<th>Pathway Name</th>
<th>Length of Program</th>
<th>Post-Secondary Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AGRICULTURE PATHWAYS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Animal Science</strong></td>
<td>2-Year Program</td>
<td>Allen County Community College, Butler Community College, Coffeyville Community College, Pratt Community College, Fort Scott Community College, Hutchinson Community College, Garden City Community College, Dodge City Community College, Colby Community College</td>
</tr>
<tr>
<td><strong>Animal Science</strong></td>
<td>4-Year Program</td>
<td>Kansas State University, Fort Hays State University, Oklahoma State University, University of Nebraska-Lincoln, University of Missouri, College of the Ozarks, Northwest Missouri State University, Missouri State University, University of Arkansas</td>
</tr>
<tr>
<td><strong>Food Products &amp; Processing Systems</strong></td>
<td>2-Year Program</td>
<td>Barton County Community College, Cloud County Community College, Flints Hills Technical College, Garden City Community College, Hutchinson Community College, Johnson County Community College, Kansas City Kansas Community College, Manhattan Area Technical College, Neosho County Community College</td>
</tr>
<tr>
<td><strong>Food Products &amp; Processing Systems</strong></td>
<td>4-Year Program</td>
<td>Baker University, Benedict College, Bethel College, Emporia State University, Fort Hays State University, Friends University, Kansas State University, MidAmerica Nazarene University, Newman University, Pittsburg State University, University of Kansas, Washburn University, Wichita State University</td>
</tr>
<tr>
<td><strong>Natural Resources &amp; Environmental</strong></td>
<td>2-Year Program</td>
<td>Allen County Community College, Butler Community College, Coffeyville Community College, Pratt Community College, Fort Scott Community College, Hutchinson Community College, Garden City Community College, Colby Community College</td>
</tr>
<tr>
<td><strong>Natural Resources &amp; Environmental</strong></td>
<td>4-Year Program</td>
<td>Kansas State University, Fort Hays State University, Oklahoma State University, University of Nebraska-Lincoln, University of Missouri, College of the Ozarks, Northwest Missouri State University, Missouri State University, University of Arkansas</td>
</tr>
<tr>
<td><strong>Plant Systems</strong></td>
<td>2-Year Program</td>
<td>Allen County Community College, Butler Community College, Coffeyville Community College, Cowley County Community College, Highland Community College, Pratt Community College, Washburn Tech, Garden City Community College, Dodge City Community College, Wichita Area Technical College</td>
</tr>
<tr>
<td><strong>Plant Systems</strong></td>
<td>4-Year Program</td>
<td>Kansas State University, Fort Hays State University, Oklahoma State University, University of Nebraska-Lincoln, University of Missouri, College of the Ozarks, Northwest Missouri State University, Missouri State University, University of Arkansas</td>
</tr>
<tr>
<td><strong>Power, Structural, &amp; Technical</strong></td>
<td>2-Year Program</td>
<td>Allen County Community College, Butler Community College, Coffeyville Community College, Cowley County Community College, Flint Hills Technical College, Highland Community College, Independence Community College, Johnson County Community College, Kansas City Kansas Community College, Manhattan Area Technical School, Neosho County Community College, Northwest Kansas Technical College, Pratt Community College, Washburn Tech, Wichita Area Technical College, Garden City Community College, North Central Kansas Technical, and Dodge City Community College</td>
</tr>
<tr>
<td><strong>Power, Structural, &amp; Technical</strong></td>
<td>4-Year Program</td>
<td>Kansas State University, Fort Hays State University, Oklahoma State University, University of Nebraska-Lincoln, University of Missouri, College of the Ozarks, Northwest Missouri State University, Missouri State University, University of Arkansas</td>
</tr>
</tbody>
</table>

| **ART PATHWAYS**                     |                   |                                                                                                                                                                                                                            |
| **Graphic Design**                   | 2-Year Program    | Allen County Community College, Art Institute of Kansas City, Barton County Community College, Cloud County Community College, Flint Hills Technical College, Fort Scott Community College, Hutchinson Community College, Johnson County Community College, Kansas City Kansas Community College, Washburn Tech |
| **Graphic Design**                   | 4-Year Program    | Baker University, Bethany College, Emporia State University, Fort Hays State University, Friends University, Kansas State University, Kansas Wesleyan College, McPherson College, MidAmerica Nazarene University, Newman University, Pittsburg State University, Southwestern College, Sterling College, Tabor College, University of Kansas, University of Saint Mary, Washburn University, Wichita State University |
## POST-SECONDARY DEGREE OPPORTUNITIES

### BUSINESS PATHWAYS

<table>
<thead>
<tr>
<th>Business Management &amp; Entrepreneurship</th>
<th>2-Year Program</th>
<th>Allen County Community College, Butler Community College, Coffeyville Community College, Cowley County Community College, Flint Hills Technical College, Highland Community College, Independence Community College, Johnson County Community College, Kansas City Kansas Community College, Manhattan Area Technical School, Neosho County Community College, Northwest Kansas Technical College, Pratt Community College, Washburn Tech, Wichita Area Technical College</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Year Program</td>
<td>Baker University, Benedictine University, Bethany College, Central Christian College of McPherson, Emporia State University, Fort Hays University, Friends University, Kansas State University, Kansas Wesleyan University, McPherson College, MidAmerica Nazarene University, Newman University, Ottawa University, Pittsburg State University, Southwestern College, Sterling College, Tabor College, University of Kansas, University of St. Mary, Washburn University, Wichita State University</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Business Finance</th>
<th>2-Year Program</th>
<th>Allen County Community College, Barton County Community College, Butler Community College, Cowley County Community College, Fort Scott Community College, Highland Community College, Hutchinson Community College, Independence Community College, Johnson County Community College, Kansas City Kansas Community College, Labette Community College, Manhattan Area Technical School, Neosho County Community College, Pratt Community College, Wichita Area Technical College</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Year Program</td>
<td>Baker University, Benedictine University, Bethany College, Central Christian College of McPherson, Emporia State University, Fort Hays University, Friends University, Kansas State University, Kansas Wesleyan University, McPherson College, MidAmerica Nazarene University, National American University @ Overland Park &amp; Wichita, Newman University, Ottawa University, Pittsburg State University, Southwestern College, Tabor College, University of Kansas, University of St. Mary, Washburn University, Wichita State University</td>
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</tbody>
</table>

### FAMILY & CONSUMER SCIENCE PATHWAYS

<table>
<thead>
<tr>
<th>Early Childhood Development &amp; Services</th>
<th>2-Year Program</th>
<th>Allen County Community College, Barton County Community College, Butler Community College, Cloud County Community College, Cowley County Community College, Dodge City Community College, Highland Community College, Hutchinson Community College, Independence Community College, Johnson County Community College, Kansas City, Kansas Community College, Labette Community College</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Year Program</td>
<td>Bethel College, Emporia State University, Fort Hays State University, Hesston College, Kansas State University, Newman University, Ottawa University, Pittsburg State University, Southwestern College, University of Kansas, University of Saint Mary, Washburn University, Wichita State University</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Family, Community, &amp; Consumer Services</th>
<th>2-Year Program</th>
<th>Allen County Community College, Barton County Community College, Butler Community College, Cloud County Community College, Colby Community College, Garden City Community College, Hutchinson Community College, Independence Community College, Johnson County Community College, Kansas City, Kansas Community College, Kansas City Area Technical School, Kaw Area Technical School, Labette Community College, Wichita Area Technical College</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Year Program</td>
<td>Bethel College, Friends University, Kansas State University, Pittsburg State University</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fashion, Apparel Interior Design (FAID)</th>
<th>2-Year Program</th>
<th>Allen County Community College, Art Institute of Kansas City, Barton County Community College, Hutchinson Community College, Johnson County Community College, Kansas City, Kansas Community College, Wichita Area Technical College</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Year Program</td>
<td>Kansas State University, Pittsburg State University, University of Kansas, Washburn University, Wichita State University</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Restaurant &amp; Event Management</th>
<th>2-Year Program</th>
<th>American Institute of Baking, Art Institute of Kansas City, Barton Community College, Butler Community College, Colby Community College, Garden City Community College, Johnson County Community College</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Year Program</td>
<td>Baker University, Fort Hays State University, Kansas State University</td>
<td></td>
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</table>