

Smith Center Jr.-Sr. High School

Curriculum Handbook
2025-2026



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REQUIREMENTS FOR GRADUATION

2026-Beyond

Twenty five (25) credits are required for Graduation at Smith Center High School.

Basic Requirements: Satisfactory completion of courses in the following areas are required for graduation. Credit in the following courses must be earned during senior high school (grades 9, 10, 11 & 12).

4 units of Language Arts

- ✓ English I - 9th Grade
- ✓ English II – 10th grade
- ✓ English III – 11th grade-.5 English III & .5 of Communications
- ✓ English IV – 12th grade OR English Comp I and II concurrently through Cloud CCC

Three (3) units of Mathematics

- ✓ Pre-Algebra, Algebra I, Algebra II, Algebra III, Geometry, Trigonometry, Calculus and/or Algebra 1.5

Three (3) units of Social Science, including:

- ✓ World History/Geography - 10th grade
- ✓ American History - 11th Grade
- ✓ One unit of American Government– 12th grade

Three (3) units of Laboratory Science

- ✓ Physical Science is required for Freshmen
- ✓ Biology is required for Sophomores
- ✓ Third Science can consist of: Chemistry, Human Anatomy, Biology II, or Plant/Animal Science (with permission)

One (1) unit of STEM (Science, Technology, Engineering, and Math)-starting w/class of 2028

- ✓ Computer Science
- ✓ Advance Math
- ✓ Technology
- ✓ Agriculture

One (1) unit in a Career Technical Education (CTE) area

- ✓ Business
- ✓ Agriculture
- ✓ Technology
- ✓ Family and Consumer Science
- ✓ Digital Media

Health Care

One (1) unit of Fine Arts

- ✓ Art, Band or Vocal

One (1) unit of Computer Technology

- ✓ Computer Applications is required of Freshmen

One (1) unit of Physical Education/ Health (.5 of PE & .5 of Health)

- ✓ Physical Education/Health is required of Freshmen

Half (.5) credit of Financial Literacy (.5 credit)

Consumer and Personal Finance-12

Half (.5) Communications (.5)

- ✓ Speech/Public Speaking-12th grade Speech OR Public Speaking through CCCC

****19 credits of Required Classes + 6 credits of Elective Classes = 25 Credits for Graduation. These requirements conform to the graduation requirements of the State Department of Education of Kansas and the Board of Education of U.S.D. #237.**

DESCRIPTION OF COURSES

LANGUAGE ARTS

English I

Short stories, novels, non-fiction, drama, poetry and science fiction/fantasy will be read and discussed. Themes are required which pertain to each of these types of readings. We will study correct grammar and usage and apply what is learned to written work. Particular emphasis will be given to writing sentences and paragraphs which are complete and grammatically correct. 12 AR Points are required each 9 week period. A Research paper will be required. Full year course - one credit. **9th grade course.**

English II

This course focuses on the essential skills of reading, writing and speaking. Reading comprehension will be practiced through novels, non-fiction, short stories, drama and poetry. Students will continue to expand on their writing skills using proper spelling, grammar, sentence structure and paragraph composition through various assignments. Class discussions, and prepared speeches will foster speaking skills. Students are required to complete independent reading. Full year course - one credit. **10th grade course.**

English III

This course focuses on the essential skills of reading, writing and speaking with an emphasis on American Literature. Reading comprehension will be practiced through novels, non-fiction, short stories, drama and poetry. Students will continue to expand on their writing skills using proper spelling, grammar, sentence structure and paragraph composition through various assignments. Class discussions and prepared speeches will foster speaking skills. Students are required to complete independent reading. Full year course - one credit. **11th grade course.**

English IV

This course is designed as the final requirement of four English credits towards graduation. The class will cover various exercises in writing, including Source Analysis, expository and persuasive themes, along with usage, vocabulary and grammar skills work. Everyday communication skills, technical writing, and oral presentations are also part of the class. Students are required to have 12 AR points each quarter. Authors and their works, and essays about works will be studied. A senior project will be incorporated as part of graduation requirements. This includes a presentation and a portfolio.

Full year course-one credit. **12th grade course.**

DESIGN AND COMMUNICATION

Journalism and Media Communications

This is a semester long course taught in the first semester of each year. It is open to sophomores through seniors. Journalism and Media Communications promotes the development of the skill set needed today and in the future. Topics include exploration of the role media and the

communications industry has in society, the development of the technical skills related to journalistic writing and interviewing, as well as understanding the ethical and legal issues related to the field. *This course is the prerequisite to Audio/Video Production. Semester course – .5 credit. **10th, 11th and 12th grade course**

Media Design & Production

This is a full year offered to juniors through seniors. Media Design & Production will provide students with the opportunity to apply the fundamental techniques learned in Journalism and Media Communications through the production of a multi-media project for presentation. Topics include developing a production schedule, working as a team, utilizing composition principles and embedding audio, video or other content in digital formats. Media Design & Production designs the Smith Center High School Centrian Yearbook and takes photos for school events and activities. *This course requires the prerequisite completion of Journalism and Media Communications. Full year course – one credit. **11th and 12th grade course**

Audio/Video Production II

This is a full year course offered to juniors and seniors. Audio/Video Production II applies the technical skills learned in Audio/Video Production I by allowing students to orchestrate projects from setting the objectives to the post-production evaluation. The subject of the presentation may be determined in a number of ways, but must address an authentic need. The complexity of the presentation is not the focus of the course, but the experience of the entire process to include planning the presentation, setting up the studio, acting as videographer and editor to make it fluid and seamless. Audio/Video Production II creates SCTV News that is televised to the school through the SC Media YouTube Channel. *This course requires the prerequisite completion of Journalism and Media Communications and Audio/Video Production. II Full year course – one credit. **11th and 12th grade course**

MATH

Students may not take more than one math class per year without written permission from instructors, counselor and administration.

Pre-Algebra

This course is for incoming freshmen, who may not be ready for Algebra I, by teacher recommendations only. It is a course that introduces the basic skills needed for taking Algebra I. Course content includes topics in equations/inequalities, graphing, operations on the real number system, statistics, ratios, percent's, and perimeter, volume, and area of basic shapes. Open completion of this class, students should be prepared for Algebra I. Full-year course – one credit. **9th grade course.**

Algebra I

Algebra I introduces the concept of solving by using variables. This course covers: expressions, equations, functions, exponents, exponential functions, probability and data analysis, and properties of real numbers, graphing linear equations and functions, writing linear equations, solving and graphing linear inequalities, and factoring polynomials. This course is a pre-requisite for all higher mathematics courses. It is essential that the student complete this course before attempting courses such as physics and chemistry. Students should take Algebra I in their freshman year, unless they took it in their 8th grade year and have permission to take Geometry. Full year course – one credit. **9th and 10th grade course.**

Geometry

Geometry is a branch of mathematics concerned with the properties and relations of points, lines, surfaces, and solids. Translated to English, Geometry means “earth measure”. Mr. Miller’s classroom uses videos for direct instruction with classroom assessments to teach and gauge a student’s mastery within each topic. Topics of the course will include parallel and perpendicular lines, triangles, quadrilaterals, areas, surface area, and volumes. Early coursework will focus on using inductive and deductive reasoning to establish proof. The course will prepare students for questions found on the ACT and Kansas State Assessments. A calculator is required. **Algebra I is a prerequisite for Geometry.** Full year course - one credit. **9th, 10th, 11th and 12th grade course.**

Algebra II

The topics in Algebra II will build on those covered in Algebra I. The subject matter will include systems of equations and matrices, functions and composite functions, polynomials, logarithms, complex and imaginary numbers, discrete mathematics, and modeling real data. The course will prepare students for upper level math courses such as trigonometry and calculus, as well as the ACT. A calculator is required. **Pre-requisites are Algebra I and Geometry.** Full year course for one credit. **10th, 11th and 12th grade course.**

Algebra III

This course reviews standard topics of Algebra. Students will study linear and quadratic equations, functional notation, linear, quadratic, rational, logarithmic and exponential functions, systems of equations and inequalities, and matrix algebra. Other topics may be covered at the teacher’s discretion. **Prerequisite: Algebra I, Algebra II, and Geometry.** 11th and 12th grade course.

Trigonometry

A firm foundation of Algebra and Geometry is necessary for success. Trigonometry is the study of triangles and their relationship between their sides and the angles between those sides. This is a pre-cursor to calculus. Students will learn the six trigonometric functions, right triangle trigonometry, radian measure, identities, formulas and equations. Students will also learn how to graph the six trigonometric functions and their inverse functions, as well as complex numbers and polar coordinates. **Classes required to take this course include: Algebra I, Geometry and Algebra II.** Full year course – one credit. **11th and 12th grade course.**

Calculus

Calculus is designed to prepare students for those math classes they’ll see at college. The course will begin with a focus on functions and their properties before discussing both differential and integral calculus. Emphasis will be placed on the application of calculus to the fields of business, science, social services, and engineering. Graphing calculators are recommended, but not required. **Pre-requisites are Algebra I, Geometry, Algebra II, and Trigonometry.** Full year course for one credit. **12th grade course.**

Algebra 1.5

Algebra 1.5 is a dynamic and engaging course designed for students who are progressing through foundational algebraic concepts with a focus on strengthening skills in preparation for Algebra 2. This course is ideal for students who need a deeper understanding of core Algebra 1 concepts or who seek to fill in gaps in their knowledge.

Throughout the course, students will explore key topics such as linear equations, inequalities, functions, systems of equations, and an introduction to quadratic equations. Emphasis will be

placed on problem-solving techniques, logical reasoning, and applying algebraic principles in real-world situations.

The course will also include a review of essential algebraic skills such as simplifying expressions, solving one-variable equations, and working with exponents. Students will learn how to graph and interpret equations, explore relationships between variables, and strengthen their mathematical reasoning abilities.

By the end of the course, students will have a solid grasp of the concepts necessary for success in higher-level algebra courses, providing a strong foundation for continued academic achievement in mathematics.

Full year course – one credit. **11th and 12th grade course.**

SOCIAL SCIENCE

World History/Geography

This is a required course for sophomores. This course is a study of world cultures along with world geography which is stressed in lessons covering the past, present, and the future. The purpose of this course is to develop a better understanding of the progress that man has made throughout the centuries and through the various cultures of the world. A special emphasis is placed on world religions, ancient civilizations, the development of democratic ideals, the development of science in answering the questions of the world and past military conflicts. It is mainly concerned with countries other than the United States but does try to make connections to the development of democracy and the Enlightenment philosophies on which much of American government and history is based. Another focus of study is the introduction of various aspects of geography, including physical, political, economic, religious, and cultural divisions. Location, place, relationships within places, movement, and regions are reinforced in activities that incorporate reading, studying, and map skills. World geography is stressed in lessons covering the past and present. This class is used to fulfill the first required credit of social science.

Full year course – one credit. **10th grade course.**

American History

American History is required for all juniors. This course begins with an examination of the impact of the American Revolution on the development of the United States in the late 1800s 1700s and throughout the 19th and 20th centuries. It addresses the eras of the Civil War, Industrial Revolution, Progressivism, World War I, the Great Depression, World War II, Modern American History, and the subsequent hostilities that surrounded the Cold War. The basic objective of the class is to provide the student with an appreciation of the uniqueness of American history, as a relatively young nation, yet expand the student's historical perspective to include an appreciation of the role each student plays in the furtherance of American ideals today.

Full year course – one credit. **11th grade course.**

American Government from a Constitutional Perspective

This is a required course for seniors. This course is designed to give students an understanding of the government under which they live through an intense study of American Constitutionalism. This is accomplished through a study of the origination and operation of governments of the world, past and present, and the underlying principles of American government, including those outlined in the Declaration of Independence, the Constitution, the Federalist Papers, and landmark U.S. Supreme Court cases. Current events, as well as social, economic, and political issues, are examined to make students more aware of their government and emphasize the importance of becoming an informed, and participating, citizen of the United States.

Full year course – one credit. **12th grade course.**

SCIENCE

Physical Science

This is a required Freshman class, designed to introduce the student to many scientific principles and concepts of the physical world. Through this course, students develop an understanding of basic scientific methods, as well as the role that science plays in our modern world. Students are also encouraged to develop analytical and critical thinking. This class provides the student with a variety of learning experiences besides lectures, such as discussions, demonstrations, laboratory activities in which each student is involved and also special projects. This course deals with basic concepts of physics, chemistry, earth and space science and their applications using mathematical models. Full year course - one credit. **9th grade course.**

Biology I

Biology is the study of living things, both plant and animal, and their inter-relationship with each other and the environment. It will combine classroom and laboratory experiences to develop knowledge, understanding, and application of scientific facts and principles. Biology is required of all Sophomores. Full year course - one credit. **10th grade course.**

Advanced Biology

The aim of this course is to expand on complex biological concepts such as molecular biology, genetics, ecology, and anatomy through hands-on labs, data analysis, and scientific writing. Emphasizing critical thinking, experimental design, and real-world applications, this course encourages independent inquiry, collaboration, and engagement with current issues in health, biotechnology, and the environment. **Biology is a pre-requisite.** Full year course - one credit. **11th and 12th grade course.**

Anatomy and Physiology

The chief aim of this course is to provide a study of human anatomy and physiology for those who are being newly introduced to the subject. Material concerning the clinical aspects of body structure and function are incorporated into the course, and make the fascinating study of the human body even more meaningful. Much of the study is devoted to the structure and function of the various organ systems; all systems interrelated in the concept of homeostasis.

The course, through lack of laboratory equipment, will primarily be a lecture-type coverage. Several laboratory sessions will be provided. **Biology is a pre-requisite.** Full year course - one credit. **11th or 12th grade course.**

Medical Terminology

Students learn how to identify medical terms by analyzing their components. These courses emphasize defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions. Semester course - .5 credit. **10th, 11th and 12th grade course.**

Introduction to Health Care

This course provides students with the basic knowledge of health /wellness professionals in private business and industry, community organizations, and health care settings. This class also provides introduction to job opportunities, wage and duties. A focus will also include class activities dealing with personal health, epidemiology, disease prevention, and health behaviors

associated with various health careers. Semester course - .5 credit. **10th, 11th and 12th grade course.**

Chemistry

In our modern world, an understanding of the changing things around us becomes ever more important to all, and not just to the scientist. This course is designed to present the basic principles of chemistry in a modern, sound approach. Through this course, students develop and understanding of the basic methods of science, as well as the role of science in everyday living. Students are encouraged to develop laboratory skills, and also analytical and critical thinking. This course prepares students for further work at the college level and it also gives a solid background for many professions. It is recommended for all college-bound students, especially those who are considering science-related fields, such as medicine, nursing, engineering, etc. **Pre-requisite is Algebra I.** Full year course - one credit. **11th and 12th grade course. *10th grade with teacher permission.**

Physics

Physics is the branch of science that studies the relationship between matter and energy. Its spectrum is so wide that it is necessary for the study of all other branches of science. This class helps students understand "how things work" and it also gives them a solid theoretical basis for further study. Students develop analytical and critical thinking and also laboratory skills. The many practical aspects of this course provide valuable knowledge for a person living in our modern world.

This course consists of lectures, numerous demonstrations and laboratory work. Some of the general areas covered are mechanics, electricity, heat, wave-theory and light. This course is offered to Juniors and Seniors. It is recommended for college-bound students, especially for those interested in any science-related fields, engineering, medicine, etc.

Pre-requisite is Algebra I. Full year course - one credit. **11th and 12th grade course.**

FOREIGN LANGUAGE

(offered through Smoky Hill Education Center via Zoom)

Spanish I

The student will develop basic skills in the Spanish language. Listening and speaking are stressed initially, followed by reading and writing. Also, a study of the customs, culture, and manners of Latin America and Spain with a view to developing an understanding of the people and their attitudes will be presented. Offered to grades 9-12. Full year course - one credit. (Offered Odd Years) **9th, 10th, 11th and 12th grade course.**

Spanish II

The student will begin to develop proficiency in Spanish in the four fundamental language skills of listening, speaking, reading, and writing. Also, the student will begin to acquire a firm linguistic base which is the foundation of effective communication and meaningful language proficiency. Throughout the course, the Spanish language will be presented within the context of the contemporary Spanish-speaking world and its culture. Offered to grades 10-12. Full year course - one credit. (Offered Even Years) **9th, 10th, 11th and 12th grade course.**

BUSINESS AND FINANCE

Computer Applications (Freshmen Requirement)

Students are introduced to Microsoft Office 2019, in two integrated textbooks which incorporates Word, Excel, and PowerPoint. Students complete seven chapters on each application between

the introductory and intermediate textbooks to master the skills of each application. Additionally, students will be responsible for completing a variety of activities, in the form of projects to reinforce the material. Microsoft Office 2019 demonstrates the basic tools and features for each of these programs in a hands-on approach. End-of-lesson exercises reinforce the content covered in each lesson and provide students with the opportunity to apply the skills they have learned. The lessons in the *Word* unit teach document formatting and editing, along with mail merge, tables, lists, and many other features. The *Excel* unit teaches the students spreadsheet basics, editing data, and organizing worksheets. Finally, *PowerPoint* lessons introduce the students to presentation graphics software and teaches them how to create professional-looking presentations. In addition to Microsoft Office, students will also be introduced to other business applications including Canva and CS First Coding. Full year course – one credit. **9th grade course.**

Accounting/College Accounting

This class teaches the fundamentals of the accounting cycle. Some of these functions include journalizing transactions, posting to ledges, and creating financial statements for various types of businesses. The students will learn these principles by applying them to daily assignments. The course content is of the pyramid idea, going from the simple to the complex, covering the same basic principles several times, but each time adding more comprehensive and difficult material. The students will be working on projects that will cover the entire accounting cycle. They will also be given a practice simulation where they are an employee for a business and they must do the accounting within this business. Full year course - one credit. **10th, 11th and 12th grade course.**

Finance Workplace Experience

Students within the business finance pathway will have the opportunity to learn finance in a workplace setting.

FAMILY AND CONSUMER SCIENCE (FACS)

Introduction to Family and Consumer Services

Comprehensive Introductory-Level Work & Family Studies – Students will explore the work and family program creating a foundation for further study. This course begins to prepare students for future roles as family members, wage earners and community leaders.

Semester Course – .5 Credit – **8th grade only course**

Career and Life Planning

Students will develop a life-management plan for life beyond high school; caring for self and others; and planning to assure career success and coordinating personal and career responsibilities. Students will understand that personal life choices made now and throughout life determine quality of life. **Pre-requisite is Introduction to Family and Consumer Services.** Full year class - one credit. **9th, 10th, 11th and 12th grade course.**

Consumer and Personal Finance

Consumer and Personal Finance teaches essential personal finance skills and habits for independent living as a young adult. Topics explored include career and lifestyle management, savings and investing, credit and debt, insurance, taxes and social security, budget planning, rental leases, auto financing, and consumer protection. Activities will focus on students making decisions that will assist them with living on their own. This class fulfills the requirement for Financial Literacy. **Prerequisite is Career and Life Planning or permission of instructor.** Full year course – 1 credit. **10th, 11th and 12th grade course.**

Nutrition and Wellness

In this class students will learn to evaluate wellness and nutrition topics as related to personal and family decisions. Topics of study will focus on improving wellness choices while learning to prepare foods in healthier ways. Students will learn and evaluate different methods of preparing food, guidelines for making wise food purchases and evaluate information related to personal and family wellness. Class time will include

Class information would be especially valuable for high school athletes, students interested in health care fields and any student interested in increasing their knowledge about living and eating healthier. Semester Course - .5 Credit. **10th, 11th and 12th grade course.**

Culinary Essentials Introduction

Students learn essential kitchen basics that will be the foundation for great cooking skills. The first comprehensive unit includes safety, use and location of small equipment and appliances, how to use a recipe, culinary terms, measuring equivalents and techniques, table setting and etiquette. Students will also learn about the Dietary Guidelines, choose my Plate Guide and the six nutrients in order to consider healthy food choices and good nutrition. Food labs will include the preparation of different foods in the food groups, as well as learning how to work cooperatively as a group. There are helpful teacher demonstrations on skills and group cooking. **Pre-requisite: Nutrition and Wellness.** Semester Course - .5 Credit. **10th, 11th and 12th grade course.**

Leadership Service in Action

Leadership Service in Action courses provide students with the opportunity to analyze real world issues of concern, refine an action plan and apply leadership, teamwork and decision-making skills through civic engagement and service learning within Family and Consumer Sciences. The course promotes empowerment of students to assume advocacy roles in family, community and FCS/human services business and industry environments. **Pre-requisite is two FACS classes prior to taking this class.** Full year course – 1 Credit. **11th and 12th grade course.**

Family Studies

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. 1st Semester-.5 credit.

Human Growth and Development-Early Years

Human Growth and Development-The Early Years provides students with knowledge about the physical, intellectual, emotional, and social growth (PIES) and development of children. Course content will provide an overview of life stages of prenatal and birth processes and fundamentals of children's milestone development during the early years.

During the course students will participate in the empathy belly, Real Care Baby simulations. These simulations will provide students with first hand experiences of what it is like to be 9 months pregnant and then be totally responsible for the Real Care Baby for a 48-hour time period. Students will also gain hands-on experiences with children through a community project with children.

Research tells us that no matter if we choose to become a parent or not, each of us will play a significant role in the lives of at least one child. Therefore, every person needs to have an understanding of parenting and child development. The class will be especially valuable for any student interested in future careers related to families and children, especially health care, education and social services majors. **Pre-requisite Family Studies. 2nd Semester - .5 credit. 10th, 11th and 12th grade course.**

Foundations to Early Childhood Development

Foundations to Early Childhood Development provides students with knowledge of developing the physical, intellectual, emotional, and social growth of young children in a variety of childcare settings. Full Semester-1 credit.

Career and Community Connections

This course is the Application level course for the learner to apply technical skills in a professional learning experience, unpaid or paid, outside or within the school environment. Included will be continued development and finalization of the student's portfolio. Career and Community Connections provides the opportunity for learners to focus on career related topics, team building and effectiveness in the world of work, and acquiring job-seeking skills and retention needed to advance within the workplace. **Only students who have taken the Introduction to Family and Consumer Sciences and two additional FACS courses are eligible to take this course.** Full year course – one credit. **11th and 12th grade course.**

Teaching as a Career

This course will help students identify and understand foundational knowledge, skills and practices required in careers related to K-12 teaching, community/adult education and workforce training. Full year course **9th and 10th grade course.**

Education Research and Innovation (1 semester)

This course expects a foundational knowledge of teaching practices. In this class students will examine innovation practices and use of data to advance the development of children, youth, and adults in education and training settings. **Pre-requisites: Family Studies, Human Growth, and Development the Early Years, Teaching as a Career and Teaching Observations. .5 Credit 10th and 11th grade course.**

Teaching Internship

This course will provide knowledge, skills, and practices required for success in K-12 teaching, community/adult education and workforce training careers. This will be the final course taken in the Teach and Train Pathway. Students will get hands on experience in the classroom in order to gain successful teaching experiences and observe ability to establish/maintain an effective learning climate. **Full year course. 12th grade course.**

TECHNOLOGY

Introduction to Skilled Trade

Introduction to Skilled Trade is an introductory course designed to instruct students in the basic skills necessary to all occupations in the Construction, Manufacturing, and Transportation career clusters. Semester course-.5 credit.

Woodworking Principles

Woodworking Principles class at the beginning level will consist of the study of various facets of wood fabrication and computer- aided design. In the first semester of study, the student will first be introduced to the wood industry by investigating forestry and the lumbering industry. Hand

tool and machine tool processes will also be studied, along with joinery techniques. The student will then investigate the design processes through the use of a CAD (Computer-Aided design) software program. After exploring design, the student will then be involved in the designing and drawing of a simple wood project.

The second semester of class will consist of the exploration of building processes through the manufacture of a wood project designed in the first semester of instruction. Emphasis will be placed on the proper and safe operation of the machines and construction techniques used in the shop to complete construction of the project. Class size is limited to 12. Full year course - One credit. **9th, 10th, 11th and 12th grade course.**

Advanced Materials and Fabrication

Advanced Materials and Fabrication is the advanced level will consist of more in-depth study in the area of wood fabrication covered in the beginning level of study. Emphasis will be placed again on the use and operation of the various hand and machine tools used in the fabrication process. In addition to the designing of a wood project with the use of computer-aided design software, the student will also explore the various styles of furniture that have come from into existence through the ages of development.

The student will, again, design a project of more complex nature than in the entry level of study, which he/she will construct through the course of the school year. In addition to furniture construction, the student will also be introduced to the cabinet making trade in combination with the Construction class. This is a Sophomore through senior level class. **Pre-requisite is Woodworking Principles.** Full year course – one credit. **10th, 11th and 12th grade course.**

General Carpentry I

This is a yearlong course for juniors and seniors. Construction in various forms enters our lives on a daily basis and is for the most part taken for granted. The focus of this class will be to introduce the student to various forms of construction including residential and commercial types of construction with main attention being placed on that of carpentry. Areas of primary study will include site selection, surveying, architectural design through the use of an architectural CAD program, and the various building techniques involved in the construction of a wood framed structure. **Pre-requisite: Woodworking Principles.** Full year course - One credit. **11th and 12th grade course.**

General Carpentry II

This is a yearlong course for juniors and seniors. Construction in various forms enters our lives on a daily basis and is for the most part taken for granted. The focus of this class will be to introduce the student to various forms of construction including residential and commercial types of construction with main attention being placed on that of carpentry. Areas of primary study will include site selection, surveying, architectural design through the use of an architectural CAD program, and the various building techniques involved in the construction of a wood framed structure. **Pre-requisite: Woodworking Principles and Carpentry 1.** Full year course - One credit. **11th and 12th grade course.**

Drafting/CAD

The class will be an introduction into the fields of drafting and design. Students will be instructed in traditional mechanical drafting, CAD (computer aided drafting), and Two- & Three-Dimensional home design. The students will learn drafting techniques transitioning to industrial fabrication. The class will culminate in the second semester project of designing a home, including the floorplan, interior and landscape design. This class is for students who have an interest in the drafting, construction, and home design fields. **Pre-requisite: Woodworking Principles.** Full year course – one credit. **11th and 12th grade course.**

Drafting/Architecture II

The class will be an introduction into the fields of drafting and design. Students will be instructed in traditional mechanical drafting, CAD (computer aided drafting), and Two- & Three-Dimensional home design. The students will learn drafting techniques transitioning to industrial fabrication. The class will culminate in the second semester project of designing a home, including the floorplan, interior and landscape design. This class is for students who have an interest in the drafting, construction, and home design fields. **Pre-requisite: Woodworking Principles and Drafting/CAD.** Full year course – one credit. **11th and 12th grade course.**

AGRICULTURE

Exploratory Agriculture

The Agricultural Explorations course provides students an introduction to agriculture that is focused on the career clusters model. Students will gain experience and basic skills in all 7 areas of agriculture. Students will gain hands-on experience through student projects, introduction to the FFA and the SAE program. There is no pre-requisite for this class. This class is offered to eighth grade students. Semester course – .5 credit. **8th grade course.**

Agri-Science

The Agri-Science course provides students an introduction to agriculture that is focused on the career clusters model. Students will gain experience and basic skills in all 7 areas of agriculture. Students will gain hands-on experience through student projects, field trips, and the introduction to the FFA and the SAE program. There is no pre-requisite for this class, which is offered to Freshman, Sophomores, Juniors and Seniors. Full year course – 1 credit. **9th, 10th, 11th and 12th grade course.**

Animal Science

The Animal Science course focuses on all aspects of animal and livestock production including breeding, selection, health management and care. Students will gain hands-on experience through student projects, field trips, and the FFA and the SAE program. This class is offered to Sophomores, Juniors, and Seniors. Full year course – 1 credit. This course is offered every other year – even years. **10th, 11th and 12th grade course.**

Plant & Soil Science

The Plant & Soil course focuses on all aspects of plant development and production and soil properties and practices. Students will learn about these topics and apply them through projects. Students will gain hands-on experience through student projects, labs, field trips, and the FFA and the SAE program. This class is offered to Sophomores, Juniors, and Seniors. Full year course – one credit. This course is offered every other year – odd years. **10th, 11th and 12th grade course.**

Ag Business

The Agribusiness course provides students experience in business and personal finance through business evaluation, record keeping, and leadership development. The stock market, commodity trading, career planning, and marketing are other topics covered in this course. Students will gain hands-on experience through many projects, field trips, and FFA experiences and their SAE program. The pre-requisite is Agri-Science or the instructor's permission. Full year course – one credit. This course will fulfill the Financial Literacy requirement. **11th and 12th grade course.**

Agriculture Welding I

The Agriculture Welding course focuses on theory and application of welding equipment while

focusing on safety and efficiency. First semester focuses on safety, equipment operation, and skills. Skills focused on include ARC welding, MIG welding, Oxy-Acetylene Cutting, and machine usage. The second semester focuses on design, construction, and cost calculation of a project. Projects are at the discretion of the instructor and consent of parents. There will be additional costs for shop attire, gloves, and project materials. This class is offered Full year course – one credit. **9th, 10th, 11th and 12th grade course.**

Agriculture Mechanics

Students in Ag Welding II will be expected to design and construct or repair a piece of machinery, equipment, or other project. Students will figure a bill of materials, cost analysis, and return to labor. Students will be graded on daily work habits and quality of workmanship. Projects are at the discretion of the instructor and consent of parents. There will be additional costs for shop attire, gloves, and project materials. This class is offered to Sophomores, Juniors and Seniors. The pre-requisite is Agriculture Welding I. Full year course – one credit. **10th, 11th and 12th grade course.**

Agriculture Leadership & Development

Course emphasizes the development of tools to be successfully and personally in an agricultural field. Students will be prepared for leadership skills and public speaking. Pre-requisite Agri-Science. Full year course-**11th and 12th grade course.**

****PLEASE NOTE: The student must have a written plan, regarding their project, approved by the instructor.**

ART

Art I:

This is an elective course for students wishing to begin the study of art. Students will work with several of the following media: pencil, colored pencil, charcoal, pastel, pen and ink, watercolor, tempera paint, acrylic paint, clay, and or collage. Students may also work with additional media. In addition, students will study the artwork of artists from the past and begin to be able to write about and speak about art fluently. This class is in person with some online components through Google Classroom. This course is a full year course – one credit. 9th, 10th, 11th, and 12th grade.

Art II:

This is an elective course for students who have had Art I and wish to continue their study of art. Building on the skills practiced in Art I, students will continue to work with a variety of techniques in several media, including pencil, colored pencil, charcoal, pastel, pen and ink, watercolor, tempera paint, acrylic paint, clay, and or collage. In addition, students will study the artwork of artists from the past, be able to write about and speak about art fluently, and do a series of sketchbook assignments. This class is in person with some online components through Google Classroom. Full year course – one credit. 10th, 11th, and 12th grade

Art III:

This is an elective course for students who have had Art I and Art II and wish to continue their study of art. Building on the skills practiced in Art I and Art II, students will continue to work with a variety of techniques in several media, including pencil, colored pencil, charcoal, pastel, pen and ink, watercolor, tempera paint, acrylic paint, clay, and or collage. In addition, students

will study the artwork of artists from the past, continue developing and be able to write about and speak about art fluently, and begin to develop an artist statement. Art III students will also keep a sketchbook in which they draw ideas in. This class is in person with some online components through Google Classroom. Full year course – one credit. 11th and 12th grade

Art IV:

This is an elective course for students who have had Art I, Art II, and Art III, and wish to continue their study of art (Permission Required). Building on the skills practiced in Art I, Art II, and Art III, students will continue to work with a variety of techniques in several media, branching out on their own and making more of the decisions regarding media, subject matter, and techniques. In addition, students will study the artwork of artists from the past, be able to speak and write about art fluently, and develop a full-fledged artist statement that encompasses an entire body of art made that school year. Art IV students will also keep a sketchbook in which they draw in. This class is in person with some online components through Google Classroom. Full year course – one credit. 12th grade

Principles of Illustration:

This is an elective course for students who have taken Art I and want to begin the study of digital art making. Principles of Illustration explores a variety of media, tools, and techniques to visually communicate ideas. Topics include an understanding of illustration as applicable to careers in Graphic Design, Animation, Apparel/Textile Design, Industrial Design, Web Design, Architecture, Interior Design, and Fine Arts. Techniques in traditional and digital illustration applications will be explored as linked to ever-changing social trends. This class will be in person with some online components through Google Classroom. This course is a half year course – 1/2 credit. This course will be nested into a class with Graphic Design I. 10th, 11th, and 12th grade

Graphic Design I:

This is an elective course for students who have taken Principles of Illustration and Art 1 and wish to begin the study of Graphic Design. Graphic Design 1 provides a basic understanding of the graphic design process. Topics include analyzing the design elements and principles, exploring industry tools, software, and equipment, and learning composition techniques to develop a quality product. This class will be in person with some online components through Google Classroom. This course is a half year course – 1/2 credit. This course will be nested into a class with Principles of Illustration. 10th, 11th, and 12th grade

Graphic Design II:

This is an elective course for students who have taken Principles of Illustration and Graphic Design I and wish to continue the study of Graphic Design. Graphic Design II emphasizes applying artistic techniques, tools, and principles of design to effectively communicate ideas and information through digital and printed media. Topics covered may include concept design, layout, visual communication, and image generation, all using a variety of traditional and digital

mediums, techniques, tools, and software's. This class will be in person with some online components through Google Classroom. This course is a full year course – one credit. 11th and 12th grade

MUSIC

Band

Band is for students who have the ability or talent to play an instrument. Time outside of class is needed for marching, pep band, and concerts. It is an expectation that students will participate in these activities with a few exceptions that will be listed on a contract given out to students at the beginning of the semester. Parents will need to sign that contract and turn it back in. Participation in these activities is part of their grade. In order to enroll in the high school band, students will have needed to complete band in 5th-8th grade and have become proficient in their instrument. The school does own instruments which will be available for a rental fee. This course will fulfill the fine arts credit required for graduation. Full year course-one credit, **9th, 10th, 11th, 12th grade.**

Select Choir (Chansonaires)

Members of this select vocal group will be chosen on the basis of an audition, which will be held in the spring for grades 8 through 11. Members will sing more popular songs, sacred and secular music. This select group will perform in various venues throughout the community. They will also present at least two concerts a year. Members will also learn sight-reading skills and music theory. A high level of responsibility is expected of this group and **ALL** performances are mandatory! **9th, 10th, 11th and 12th grade course.**

Large Vocal Group

This course will be offered to freshmen through seniors who have the ability and inclination to sing. The purpose of vocal music is to provide and study different styles and forms of vocal music for appreciation and enjoyment. Students will learn sight singing, theory and composer/music appreciation. This group will also prepare for contests and public performance. There will be no tryouts for large group choir. **ALL performances are mandatory!** Full year course - one credit.

9th, 10th, 11th and 12th grade course.

PHYSICAL EDUCATION

Physical Education/Health

This class seeks to develop not only physical fitness, but qualities of citizenship, sportsmanship, leadership, and teamwork. Activities to be covered are basketball, ping pong, mat ball, 8-base, European handball, badminton, volleyball, pickle-ball, dodgeball, swimming and other various games of physical activity.

Grades will be determined by daily performance ratings along with some written tests over rules and strategies, in addition to physical fitness training. There will be some skill tests given along with physical fitness tests. The class grade is based on a 50/50 situation, 50% on class items and 50% on P.E. Students will be tested in a variety of areas. These areas include making healthy decisions, goal-setting, nutrition, the male and female reproductive systems, developing healthy relationships, physical fitness, health and wellness, tobacco, alcohol, and drugs.

Health issues and topics will be addressed throughout the year. **Full year course - .5 PE credit and .5 Health. This class is required of all Freshmen.**

Advanced Physical Education (Boys and Girls)

This is an elective course for those who are interested in taking part in an intense physical conditioning program. The main activities of the course will be weight lifting, agility, running and plyometrics. Full year course - one credit. **9th, 10th, 11th and 12th grade course.**

DRIVER EDUCATION

Driver Education

This is spring/summer course and is 1/4 credit. It includes correct operation of the motor vehicle, study of traffic laws, the responsibilities of driving, and the development of good driver attitudes. A student must be 14 years of age by May 1st and have completed the eighth grade. Classroom instruction will be an online program offered through Greenbush. Students must complete and pass online classroom work, journal entries, a final exam and The Kansas Handbook Exam. In addition, students must pass all Behind-the-Wheel Objectives with a appointed driving instructor. Driver Education fees through USD 237 are non-refundable once the student is enrolled.

Summer course- .25 credit **8th, 9th, 10, 11th and 12th grade course.**

AT-RISK PROGRAM

At-Risk Study Skills

This course is designed for:

- ✓ Students must meet criteria according to KSDE. The state has 11 qualifications for this class and you must meet 1 or more of them to be placed in an At-Risk Study Skills class. Full year – one credit. **9th, 10th, 11th and 12th grade course.**

ADVISORY –

Students, with the supervision of their advisor, will use Xello and other methods and means for career exploration, course planning, job shadow planning, etc. Students will also use the Wayfinder platform for Social Emotional Learning in order to help them develop a sense of meaning and purpose. Grades are earned and used for eligibility. **0 Credit – Will be assigned to grade level Advisors.**

ON-LINE COLLEGE CLASSES AND CONCURRENT CLASSES

Juniors and Seniors are allowed to use one class period a semester to take on-line college classes. Students can also take concurrent classes if they choose. There is a wide variety of classes offered on-line through various colleges and a few classes offered by SCHS teachers, the student is expected to pay any expenses associated with this class (example: cost of books and tuition). Usually every year there are courses offered that the state pays the tuition for, however, that list will not be available until the end of summer. If the student fails the on-line class it will appear on their progress reports and report cards, which will then make them ineligible for sports and other extracurricular activities. **Students will be required to turn in their college class grade, every Friday, to the classroom teacher and that teacher will enter the grade into the gradebook for the high school credit.** This is a semester course and open to Juniors and Seniors

****Students must apply for admission, to the college they are taking the class from to be accepted. Once accepted, students must go to the college website and enroll in the class. The student will have a limited amount of time to drop that class and must have permission**

from their SCHS teacher.

On-line classes taken by students during school hours must be approved by the Coordinator of College Courses (School Counselor)

*****The classes are not Pass/Fail, you will receive the same grade on your grade card/transcript as you receive for the college course.**

COURSES OFFERED FOR CONCURRENT CREDIT THROUGH CLOUD CO. COMMUNITY COLLEGE

Juniors and Seniors are allowed to enroll in concurrent courses but must be approved by the Principal (will look at current transcript of grades.) Freshmen that are in the gifted program may also enroll in concurrent courses (approval by Principal.)

CM101 English Composition I

3 Credit Hours

English Composition I provides an instruction in writing with emphasis on grammatical correctness, acceptable usage, effective organization , and expression of ideas. Assigned reading, research and expository writing are required. Prerequisites: Appropriate ACT (17) or Accuplacer score or Intermediate English. This class will be the 1st semester of Advanced Senior English IV.

CM102 English Composition II

3 Credit Hours

English Composition II is a continuation of English Composition I with an emphasis in writing and rewriting. Assigned readings, argument and persuasion, Literary analysis (poetry, fiction, dramas), and research are included. Prerequisite: English Composition I. This class will be the 2nd semester of English IV.

WORK EXPERIENCE PROGRAM

The Work Experience program is designed for regular education students that want to gain experience working in a job that is directly tied to a class in which the student is enrolled. The academic and occupational skills that the student will learn need to be at the same skill level as the course that the student is enrolled. The principal approves these on a case by case basis. This is a class for juniors and seniors. Full year one credit pass/fail class-no letter grades are given. 11th and 12th **grade course.**

Examples of a quality Work Experience program include working for a:

- CPA firm while enrolled in an accounting class
- Law firm while enrolled in a government or law class
- Local newspaper while enrolled in an English class
- Farm related business while enrolled in an Agriculture class
- Teacher Aide while enrolled in Community Connections
- Doctor while enrolled in Human Anatomy

***Courses listed on pages 3-21 will not necessarily be offered every year. Classes depend upon demand and staffing.

CAREER AND TECHNICAL EDUCATION (CTE) PATHWAYS

Smith Center High School offers 9 Career and Technical Education Pathways. Students who are concentrators in a particular pathway provide courses related to their career interest. Students who are concentrators in one or more pathways will be recognized at graduation.

Family, Community and Consumer Services

Family Studies-Human Growth and Development: Early Years (9/10/11/12)

Foundations to Early Childhood Development (10/11/12)

Nutrition and Wellness-Culinary Essentials (10/11/12)

Leadership Service in Action (11/12)

Community Connections-Career Connections (11/12)

Early Childhood Development and Service Pathway

Family Studies-Human Growth and Development: Early Years (9/10/11/12)

Foundations to Early Childhood Development (10/11/12)

Leadership Service in Action (11/12)

Community Connections-Career Connections (11/12)

Teaching/Training Pathway

Family Studies-Human Growth and Development: Early Years (9/10/11/12)

Foundations to Early Childhood Development (10/11/12)

Teaching as a Career (10/11/12)

Teaching Internship (12)

Construction and Design Pathway

Woodworking Principles (9/10/11/12)

CAD *Computer-Aided Drafting* (10/11/12)

Advanced Materials & Fabrication (10/11/12)

General Carpentry I (11/12)

General Carpentry II (12)

Ag Technology & Mechanical Systems

Agriscience (9/10/11/12)

Agricultural Welding I (9/10/11/12)

Agricultural Mechanics (10/11/12)

Agribusiness Management (11/12)

Agricultural Leadership and Communications (11/12)

Agricultural Internship (11/12)

Diversified Agricultural Science

Agriscience (9/10/11/12)

Plant and Soil Science (10/11/12)

Animal Science (10/11/12)
Agribusiness Management (11/12)
Agricultural Leadership and Communications (11/12)
Agricultural Internship (11/12)

Health Science Pathway

Introduction to Health Care-Medical Terminology (10/11/12)
Chemistry (11/12)
Anatomy & Physiology (11/12)
Health Care Work Experience (11/12)

Business Finance Pathway

Accounting 1 (10/11/12)
College Accounting (11/12)
Finance Workplace Experience (12)

Digital Media Pathway

Computer Applications (9)
Media Communications-Audio/Video Production I (10/11/12)
Principles of Illustration-Graphic Design I (10/11/12)
Media Design and Production (11/12)
Audio/Video Production II (11/12)
Graphic Design II (11/12)

Other

Study Skills (9/10/11/12)
Work Study (11/12)
College Courses *see Mrs. Rempe for available course (10/11/12)

Information covered pages 2-3

QUALIFIED ADMISSIONS

Requirements for Admission to any one of the six state universities in Kansas can be found at:
https://www.kansasregents.org/resources/PDF/Academic_Affairs/Qualified_Admissions/QA2022-2023_Kansas_Board_of_Regents_Qualified_Admissions_Webflyer_FINAL_Cor.pdf

KANSAS SCHOLARS CURRICULUM

Completion of the Kansas Scholars Curriculum allows students to be eligible to be a Kansas State Scholar. The requirements as well as the Scholars Curriculum can be found online at

https://www.kansasregents.org/resources/PDF/Students/Student_Financial_Aid/Kansas_Scholars_Curriculum.pdf

ACADEMIC AWARDS

Superintendent's Honor Roll - The Student must have a GPA of 3.5 to 4.0 and have no grade lower than a B.

Principal's Honor Roll – The Student must have a GPA of 3.25 to 4.0 and have no grade lower than a C.

Principal's Academic Award – Students named to either honor roll the first 3 nine weeks of the year will receive a certificate and a gold pin at the Spring Awards Assembly.

****Valedictorian** – This is an honor given to the student with the highest class ranking in the class. If there is a tie, the students will share this honor and there will be no Salutatorian.

****Salutatorian** – This is an honor given to the student with the second highest class ranking. If there is a tie, the student will share this honor.

Honor Student – This award is given to seniors who have a cumulative GPA of 3.5 or higher after 7 semesters of high school. This is awarded on graduation day.

**** To be Valedictorian or Salutatorian a student must have completed either the Pre-College Curriculum or Kansas State Scholars Curriculum.**