

Newkirk High School Course Catalog



2024-2025

NEWKIRK HIGH SCHOOL

625 W. South Street

Newkirk, OK 74647

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Stephanie Stone

Special Education Teachers

Diana Vaughan

Callie McBride

CURRICULUM – COURSE OFFERINGS 2023-2024

The information provided in this book is meant to assist each student in selecting the courses for the upcoming school year.

All courses listed in this book are **NOT** guaranteed to be offered. The final master schedule will be determined based on enrollment.

GRADUATIONS REQUIREMENTS: 24 CREDITS

REQUIRED for COLLEGE PREP CURRICULUM:

4 units English

3 units Mathematics (Including Algebra 1) Students **MUST** take 3 units of Math in grades 9-12

3 units Science (including Biology AND 1 of the following: Physical Science, Chemistry, or Physics)

3 units of History (OK History-freshmen; Government-sophomores; US History-juniors)

2 units of Computers **OR** World (Foreign) Language

1 unit of an **Additional Core** course (choose from subject areas above, **cannot** be a course that is already required)

1 unit of Fine Arts

Elective courses to equal the 24 total credit requirements for Newkirk High School.

See the School Counselor for CORE Curriculum requirements. (Requires parent signature)

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ENGLISH 1

PREREQUISITE: *None*

English 1 is a skills-based course that introduces the student to the literacy skills needed to be a successful communicator in high school: reading, writing, listening/speaking and research. Emphasis is placed on approaching reading and writing as processes. Expository, narrative, descriptive and persuasive writing will be addressed. Research will be integrated throughout the course and students will be required to develop, research, and write a research paper during the first semester. Students will read and respond to literature concerning self-exploration and cross-curricular studies. The student will read, analyze, and write in response to literary works read in class, as well as individual novels selected for personal reading. Vocabulary instruction includes the study of Greek and Latin roots, prefixes, and suffixes throughout the year.

ENGLISH 2

PREREQUISITE: *English 1*

English 2 is the study of writing and reading. The writing curriculum will expand skills in both the functional and creative forms moving from paragraph writing into essay writing. The English 1 portfolio will follow the student with demonstrated examples of essay writing. Reading instruction will continue with the literary selections increasing in maturity. Selections will include short stories, poetry, novels, and a Shakespearean play. Students will also focus on vocabulary to enhance communication. Homework is to be expected.

*HONORS ENGLISH 2

PREREQUISITE: *English 1, reading on or above grade level. One of the following: A or B previous year or gifted.*

Honors English II will introduce students to the types of skills, terminology, and literature that will prepare them for success post-secondary. This course focuses heavily on skills needed to analyze and write about various types of prose and poetry. It will include a wide range of texts—short stories, nonfiction, essays, novels, and images—designed to build the skills needed to challenge the student in preparation for college. Students will participate in comprehensive discussions of literature referring to literary devices, terms, and techniques and on an author's craft, purpose, agenda, or intent. Students will learn how to write critically and analytically about prose and poetry, using textual evidence to support their claims and making appropriate choices based on rhetorical situations.

ENGLISH 3

PREREQUISITE: *English 2*

English 3 is the study of writing and reading. The writing curriculum will expand skills to include an intense study of grammar and usage. An investigation of American literature will include short stories, poetry, and novels and their relationship to the historical movement and/or culture of the time. Book reports will be required. Vocabulary will continue to be studied. Homework is to be expected. Emphasis will be placed upon material in preparation for the ACT entrance exam for college and some vocational schools.

*AP ENGLISH 3 (*Online only-Edgenuity*)

PREREQUISITE: *English 2*

AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style.

Optional: Students may sign up to take the AP Exam for the possibility of earning college credit.

ENGLISH 4

PREREQUISITE: *English 3*

English 4 is the study and review of skills in composition and grammar. This course will not only emphasize mechanics and sentence construction within essay writing, but will require each student to conduct research. Literary selections will include British literature (poetry and short stories) and a Shakespearean play studied within the historical context and literary movements of the periods. Book reports will be required for fiction and nonfiction. Vocabulary will continue to be studied. Homework is to be expected. Emphasis will be placed upon material in preparation for the ACT exam and college writing.

*AP ENGLISH 4 (*Online only-Edgenuity*)

PREREQUISITE: *English 3*

AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works.

Optional: Students may sign up to take the AP Exam for the possibility of earning college credit.

MATHEMATICS

ALGEBRA 1

PREREQUISITE: None

Algebra 1 is the use of equation systems in solving mathematical problems. It is the foundation for all higher mathematics. The course consists basically of teaching the equation system and learning to apply the arithmetic operations to equations. Also included are the study of coordinate graphs and their basic application to problem solving.

GEOMETRY

PREREQUISITE: Algebra 1

Geometry is the science of figures. It is a study of points, lines, angles, polygons, circles, right triangles, and coordinate systems. Students will be asked to reason, justify, prove, define, apply, and explain theorems about these topics. This course will help students understand different properties of figures and develop their logical thinking skills. Emphasis will be placed on enhancing knowledge of properties by asking students to justify and prove hypotheses about different properties.

ALGEBRA 2

PREREQUISITE: Algebra 1 and Geometry

Algebra 2 prepares students to take Pre-Calculus and Statistics. A major goal of this course is for students to develop skills in manipulating and solving linear, quadratic, exponential, polynomial, radical, rational, and logarithmic equations. Topics include linear functions, systems, polynomial functions, rational expressions, powers, roots, radicals, quadratics, exponential and logarithmic functions, and inverse functions with an introduction to trigonometry.

*TRIGONOMETRY / PRE-CALCULUS

PREREQUISITE: Algebra 2

Trigonometry is the study of triangles and their properties, and how they apply to solving problems. Through study, the student will review and use all the concepts learned in Algebra and combine them with the concepts of Trigonometry. Pre-Calculus is a thoughtful introduction to advanced studies leading to calculus. The course leads students through an advanced study of trigonometric functions and their identities, vectors, conic sections as well as topics extended from previous studies. Emphasis will be placed on enhancing knowledge of functions by making graphing connections and interpretations.

MATH OF FINANCE

PREREQUISITE: Algebra 1

Topics covered include extensive work with the time value of money, annuities, and uneven cash flows; loan concepts and amortization, bond (fixed income product) vocabulary and math, general cash flows and portfolios. Personal Financial Literacy requirement is included in this course. ***NOTE: this course will continue to count as a math credit, but it is NOT included in the college preparatory curriculum.***

COMPUTER SCIENCE

COMPUTER SCIENCE ESSENTIALS

PREREQUISITE: None

Students will develop hands-on skills in problem solving in the world of electronics, networking, security, and business. Students will interact with different software and learn techniques for networking improvements and designing and developing software.

PHYSICAL SCIENCE

PREREQUISITE: None

Physical Science is the study of matter and energy. Here are two branches of physical science: Chemistry and Physics. This course is a basic survey of both. Students perform laboratory exercises using simple equations applied to data gathered about laws of motion and energy. Basic chemical reactions and equations applied to everyday situations are used. Some Earth science principles such as weather and space are addressed.

BIOLOGY 1

PREREQUISITE: None

Biology 1 is the study of the living world and its interaction with the environment. Life is studied from the biosphere to the molecular level. Emphasizes important biological concepts and principles common to all living organisms. Integrates laboratory and classroom work. Critical thinking skills are stressed.

*AP BIOLOGY 1 (*Online only-Edgenuity*)

PREREQUISITE: Sophomores

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions.

Optional: Students may sign up to take the AP Exam for the possibility of earning college credit.

ENVIRONMENTAL SCIENCE

PREREQUISITE: None

Environmental science is the study of patterns and processes in the natural world and their modification by human activity. This course will survey some of the many environmental science topics at an introductory level, ultimately considering the sustainability of human activities on the planet.

*ANATOMY & PHYSIOLOGY (A & P)

PREREQUISITE: Biology 1

Anatomy/Physiology is a study of the structure and function of the human body. This course is good for preparation for advanced biological studies, medical careers, and other science-based careers, but is also very important for being a good self-advocate patient and understanding how our bodies work and what is happening when they go wrong.

*CHEMISTRY 1

PREREQUISITE: Biology 1, and current enrollment or completion of Algebra 2

Chemistry is the study of the composition, properties, and structure of substances and the changes they undergo. Matter is studied from the atomic level to the molecular level. Laws of matter and energy are included. Students will learn to use the Periodic Table of elements along with representing chemical formulas and equations. Lab work includes combining chemicals to form reactions between substances and observing some limiting factors of reactivity. The ability to do mathematical computations with a scientific calculator is required in this course.

GEOGRAPHY / OKLAHOMA HISTORY

PREREQUISITE: *None*

Geography familiarizes students with the world using the five geographic themes and essential elements. Students should develop skills and knowledge about location, place, human/environmental interaction, movement, and regions. The course should compare and contrast these themes across all continents. Oklahoma History is a survey of the history of Oklahoma from the time of early exploration to the present. The course will analyze the social, cultural, economic, and political development of Oklahoma, including important individuals and groups who have influenced the development of the state. The class also will describe the movement from territory to statehood and the development and the role of Native Americans in Oklahoma.

U. S. GOVERNMENT

PREREQUISITE: *None*

American Government is a survey of the American political system. The course will analyze how the political process affects the individual and identify the rights and responsibilities of a United States citizen. It will also describe the characteristics of local, state, and national government; how they compare to other political systems; and how the American political process works.

***AP U. S. GOVERNMENT (Online only-Edgenuity)**

PREREQUISITE: *Sophomores*

AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis.

Optional: Students may sign up to take the AP Exam for the possibility of earning college credit.

U.S. HISTORY

PREREQUISITE: *Juniors*

American History is a survey of American History from the Post Civil War Era through present day. This course will quickly review events from Reconstruction through World War I, which are covered in Earl American History; events from World War I to present day will be covered in more detail and will be the focus of this course. The course will examine the major events and personalities that helped shape the nation, as well as American foreign policy and the role of the United States in the world.

ECONOMICS

PREREQUISITE: *None*

This course is designed to provide the student with a basic understanding of the important relationships of economics to our social and political problems. The course emphasizes the philosophy, development, and operation of our American economic system and its important influence upon the individual and society. *Personal Financial Literacy is embedded in this course for Oklahoma Graduation Requirement.*

EUROPEAN HISTORY

PREREQUISITE: *None*

Students will learn about the social, political, and cultural conditions resulting from economic developments in Europe. Topics may include: The rise of absolutism and challenges to it. The history of its peoples and their cultures and the lands they occupied. Also included are the societies from which those present civilizations sprang, namely the Phoenicians, the Hebrews, the Egyptians, etc.

COMPUTER APPLICATIONS 1

PREREQUISITE: None

This course will provide students with basic typing skills and introduce the student to the Google Suite Applications. Students will learn how to create and format personal and business documents, spreadsheets, presentations, forms, use Google Drive. They will learn to create tables, templates, macros, graphics, and use columns as well as how to merge and sort. They will produce professional business letters, memos, reports, merged documents and newsletters.

FUNDAMENTALS OF TECHNOLOGY

PREREQUISITE: None

This course will introduce students to the Google Suite Applications. Students will learn how to create and format personal and business documents, spreadsheets, presentations, forms, use Google Drive. They will produce professional business letters, memos, reports, merged documents and newsletters. Students will also learn how to use Canva to edit templates and create PowerPoints, resumes, and invitations. Students will be introduced to budget planning, and learning to apply technology to real-world-skills such as public speaking, teamwork, and positive character traits.

MULTIMEDIA IMAGE MANAGEMENT

PREREQUISITE: None

Students will use their skills and knowledge of current social media to generate and create original content for multiple platforms like TikTok and Instagram. Students will learn how to use a digital camera to take photos, and also learn how to edit those photos using Adobe Suites. Students will also experience graphic design and video editing.

IT SUPPORT ED 1

PREREQUISITE: Teacher approval

Students will learn how to do tech support on various systems. Students will train, and carry out tech support on school Chromebooks, iPads, and PCs. Students will also start a certification program that will result in obtaining a technology certification. Level 1 students will all start with an ITF+ certification. If students complete this certification with enough time to complete another they can move onto the first certification for the IT pathway they choose to follow.

IT SUPPORT ED 2

PREREQUISITE: IT SUPPORT ED 1

Students further their learning on how to do tech support on various systems. Students will train, and carry out tech support on school Chromebooks, iPads, and PCs. Students will also work with Level 1 students to mentor and train. Students will also start a certification program that will result in obtaining a technology certification. Level 2 students will work on the next certification in the pathway they chose as level 1 students. This will generally be either A+ or Network+. If students complete this certification with enough time to complete another they can move onto the next certification for the IT pathway they choose to follow.

CYBERSECURITY

PREREQUISITE: IT SUPPORT ED 2

Students further their learning on how to do tech support on various systems. Students will train, and carry out tech support on school Chromebooks, iPads, and PCs. Students will also work with Level 1 and 2 students to mentor and train. Students will also start a certification program that will result in obtaining a technology certification. Level 3 students will work on the next certification in the pathway they chose as level 1 students. This will vary depending on how many certifications they obtain in levels 1 and 2. It is possible for a student to finish a pathway in the third year, although most students will need to take a 4th year to complete a pathway. If students complete this certification with enough time to complete another they can move onto the next certification for the IT pathway they choose to follow.

ADVANCED PROGRAMMING

PREREQUISITE: Cybersecurity

Students further their learning on how to do tech support on various systems. Students will train, and carry out tech support on school Chromebooks, iPads, and PCs. Students will also work with Level 1, 2, and 3 students to mentor and train. Students will also start a certification program that will result in obtaining a technology certification. Level 4 students will work on the next certification in the pathway they chose as level 1 students. This will vary depending on how many certifications they obtain in levels 1, 2, and 3. Most students who take all 4 years, should be able to complete a pathway that can result in a career straight out of High School. If students complete this certification with enough time to complete another they can move onto the next certification for the IT pathway they choose to follow.

WORLD LANGUAGES

SPANISH 1

PREREQUISITE: None

Students learn simple basic vocabulary and grammar so they can begin to carry on simple conversations in Spanish, read in Spanish, write in Spanish, and listen to Spanish. Students are exposed to verb conjugations, adjective-noun agreement, and word order lessons in order to aid their speaking and comprehension level. Students will work within the present tense throughout most of the year.

SPANISH 2

PREREQUISITE: Spanish 1

Students will review in depth the vocabulary, grammar, irregular verbs, present, and past tenses. Students will be expected to speak Spanish during class. Students will read independently and with help, short stories in the target language and answer questions based on these readings in order to begin preparation for students who want to take a Spanish CLEP test at the collegiate level. Students work more independently at this level.

FINE ARTS

ART 1

PREREQUISITE: None

Art 1 introduces art through a multi-media experience. Students will learn and apply the elements and principles of design to produce creative art projects that reflect their understanding of these concepts.

ART 2

PREREQUISITE: Art 1

A second year course that provides an opportunity for students to expand on the drawing and painting concepts introduced in Studio in Art. Emphasis is placed on experiences with design principles, drawing techniques, sculpture and painting skills leading to the development of abilities that are necessary for advanced art courses.

ART 3

PREREQUISITE: Art 2 & **must obtain consent from the Visual Arts instructor.**

Emphasis is placed on understanding the Elements of Art and Principles of Design as a basis for composition. Students will explore a variety of artists, art processes and materials such as drawing, painting, printmaking, two & three-dimensional design, and digital art.

ART 4

PREREQUISITE: Art 3 & **must obtain consent from the Visual Arts instructor.**

This course will expand on skills learned. Students will develop a portfolio of art works. Students will be able to understand and apply visual art terms visually and orally. To understand and apply art critique skills to access personal and professional work. To understand how to apply a more rigorous variety of styles learned from art history. To understand and appreciate art as a means of communication and self-representation. To understand and appreciate art as a means of communication.

BAND

PREREQUISITE: Prior enrollment or by director approval

To foster and promote musical growth through the playing of an instrument by the student. Band is a skilled effort in which each student is expected to show technical and musical growth throughout this course.

VOCAL

PREREQUISITE: None

Explores choral music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history.

MUSIC APPRECIATION

PREREQUISITE: None

Introduce students to the fundamentals of creating, enjoying and listening to music. Students will learn the basics of creating music-- melody, harmony and rhythm. Students will also explore instrumental and vocal timbre and will critique musical performances.

ELECTIVES

AG SCIENCE 1

PREREQUISITE: None

This is a foundational course. Content includes animal science, plant and soil science, agribusiness and economic principles, and agricultural mechanics.

AG SCIENCE 2

PREREQUISITE: *Ag Science 1*

This course leads to career development where a student can specialize in five areas: Animal Science, Plant and Soil Science, Food Science, Ag Power and Technology, and Agricultural Communications and Leadership.

AG POWER 1 & 2

PREREQUISITE: *Ag Science 2*

Content includes importance of agricultural mechanics, personal and employability safety, identifying, using and maintaining common hand tools, metal fabrication, preparing and using simple project plans.

HORTICULTURE

PREREQUISITE: *Ag Science 2*

Careers in the industry are covered as well as basic plant systems and pest control. The student will be introduced to the areas of greenhouse management, nursery management, and landscaping.

FACS BASICS (Family and Consumer Sciences)

PREREQUISITE: None

The Family and Consumer Sciences Department offers electives for students to explore interests and potential careers in the areas of financial literacy, child and human development, culinary arts, fashion, interior design, and sewing.

COMPREHENSIVE HEALTH

PREREQUISITE: *FCS Basics (FACS 1)*

Topics included are teaching good nutrition, physical fitness, and the dangers of using harmful substances, mental health, disease prevention, eating disorders, injury prevention, and disaster preparedness, and more.

INTRO TO INTERIOR DESIGN

PREREQUISITE: *FCS Basics (FACS 1)*

Students will learn interior design principles, home design principles, interior design business practices, be familiar with design software, floor plan creation, room design and redesign, color theory, custom furniture ordering, budgeting, mood boards, design boards, and more.

*AP PSYCHOLOGY (Online only-Edgenuity)

PREREQUISITE: *Sophomores*

AP Psychology is an introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. *Optional: Students may sign up to take the AP Exam for the possibility of earning college credit.*

ATHLETICS

PREREQUISITE: *Permission needed from Coach*
Participation in school sports.

WEIGHTLIFTING

PREREQUISITE: None

Students will be introduced to Basics of Strength and Conditioning through supervised weightlifting. Students will learn safety, terminology, form, and how to operate the different equipment in our facility. Students will also learn about nutrition, rest, and basic biomechanics. This course will also include the students following a structured workout where they will be expected to track their progress. This class may begin before the start of school.

CURRENT EVENTS

PREREQUISITE: None

This course focuses on world and local issues that affect students' everyday lives, such as economics, government, and conflict.

DRIVER'S ED

PREREQUISITE: *Age 15½ at time of course*

Content covered includes topics such as: basic driving maneuvers, state laws, local ordinances, rules of the road, signs, signals, highway markings, familiarity with the Oklahoma Driver's Manual, and actual behind the wheel experience.

STEM (TSA)

PREREQUISITE: None

Students explore areas of engineering aligned with CareerTech and the STEM World. Students will explore the fields of Forensic Science, 3D Design, Video Game Design, Aerospace Engineering, Woodworking, and Technology.

YEARBOOK

PREREQUISITE: *Teacher approval*

Staff members will receive training in photography, design, graphics, finances, and management. Students will plan and produce the NHS yearbook. Students will be expected to meet deadlines. This course is a year-long commitment.

INTERNSHIP (Work Release, Office/Teacher Aide)

PREREQUISITE: Seniors only, application required

This course is for seniors who are employed, or working as an Office or Teacher's Aide in the school district. Students must be on track for graduation. Students will have to submit various documentation throughout enrollment in the course.