



SOUTH KENT
S C H O O L

Course Catalogue

2026-2027

Trinity of Values:
Simplicity of Life • Self Reliance • Directness of Purpose

Mission:

South Kent School prepares young men to succeed in college and thrive as thoughtful and engaged citizens in a rapidly changing and intensely competitive world.

Understanding the Ways Boys Learn

Guided by the Mission and Trinity of Values, South Kent School believes in education that goes beyond traditional boundaries, focusing on developing competencies that prepare students for a rapidly changing and intensely competitive world. This commitment has inspired the School to examine how twenty-first-century boys learn best. Studies show that learning takes place over time with intentional and continuous practice.

Rooted in the Science of Learning, our academic program is founded on the belief that all students can achieve meaningful academic growth with effective instruction and support. We pursue this through a competency-based approach, where instruction is aligned to clearly defined instructional objectives and learning targets. These targets are observable demonstrations of knowledge and skills. Teachers assess progress based on these targets, offering timely feedback and support to help each student. When appropriate, project-based curriculum further enhances the student experience by equipping students with the skills, habits, and adaptability to succeed.

South Kent's Core Competencies

South Kent's teaching methods are aimed at educating the whole student through the development of South Kent's Core Competencies.

1. Critical Thinking

Students analyze complex information, evaluate different perspectives and evidence, and synthesize their findings to make informed decisions. They develop problem-solving skills, enabling them to identify and address challenges creatively and logically.

2. Emotional Resilience

Students manage and regulate their emotions effectively, demonstrating adaptability in the face of adversity. They develop coping strategies to navigate stress and setbacks while maintaining a positive outlook, fostering mental well-being.

3. Collaboration

Students work effectively with diverse groups of peers, respecting and valuing differing opinions and backgrounds. They possess strong communication and active listening skills and contribute their expertise to achieve common goals, fostering teamwork and cooperation.

4. Stewardship

Students learn to understand the importance of responsible and ethical behavior in their communities and the environment. They take actions to conserve resources, promote sustainability, and engage in activities that contribute to the betterment of society, demonstrating a sense of social and environmental responsibility.

Futures Literacy

The Futures Literacy program is an innovative educational initiative designed to equip students with the skills and knowledge required to thrive in our 21st-century world. This program offers a unique curriculum encompassing a wide range of disciplines, including engineering, robotics, technology, artificial intelligence, entrepreneurship, finance, mental health, and healthy living. Students engage in project-based learning, problem-solving challenges, and real-world applications to gain proficiency in these critical areas. By preparing students for the literacies of the future, this curriculum empowers them to adapt, innovate, and excel in a dynamic and increasingly technology-driven global landscape.

Student Success Center

With an overall mission to improve student learning, South Kent School's Student Success Center offers strategic support services and additional academic resources to students looking to further develop the skills they need to thrive and succeed at South Kent and the world beyond. The Student Success Center is available to all students on an as-needed basis. The support model empowers students to practice toward the next level of skill development and academic success with programming that complements classroom study and offers specific help for those who need extra support in their regular courses. Our Director of Student Success, Orton-Gillingham certification in progress, consults with students to assist with organization and time management techniques, communication skills, reading comprehension and study strategies, project preparation, and working effectively with others and independently.

Category of Classes

Core

Core courses are foundational survey classes designed to introduce essential concepts and skills while preparing students for the expectations of college-level work. Rooted in the Science of Learning, instruction is explicit and supported by regular, purposeful assessments that measure progress toward clearly defined learning targets. When appropriate, project-based approaches are incorporated to deepen understanding and develop transferable skills such as critical thinking, collaboration, and communication.

Core + Honors

Core + Honors courses take place within the core classroom and follow the same instructional sequence, but offer students the opportunity to extend their learning. Students may choose to complete modified assessments or engage in a year-long project that deepens and expands the curriculum. This option allows motivated students to challenge themselves academically while remaining part of the core

learning environment. Students who successfully complete the modified assessments or the independent year-long project will earn an Honors designation on their transcript.

Advanced

Advanced courses are offered in discrete sections and are designed for students ready to engage with material beyond the core curriculum. Instruction and assessment emphasize depth (as opposed to breadth), complexity, and independence, preparing students to competitively sit for the Advanced Placement exam at the end of the year, though exam preparation is not the singular focus. Teachers and students maintain flexibility to explore content creatively and, when appropriate, through project-based approaches. Advanced courses for 2026-2027:

- United States History I & II
- Biology
- Physics
- Environmental Science
- Pre-Calculus
- Calculus I
- Calculus II
- Statistics

Syracuse University Project Advance (SUPA)

SUPA courses are dual-enrollment offerings that allow students to engage with in-person college-level instruction and assessment on South Kent School's campus delivered by South Kent faculty who are adjunct professors at Syracuse University. Students earn official college credit and a separate Syracuse University transcript. Notably, SUPA credits have a 90% transfer acceptance rate at colleges and universities across the United States, offering students an authentic and rigorous college academic experience. SUPA courses for 2026-2027:

- Public Policy
- Creative Nonfiction
- Entrepreneurship
- Economic Ideas and Issues
- Chemistry I & II

Electives

Electives complement the core academic program by introducing new subjects or exploring innovative applications of material taught in core courses. These classes are typically, though not exclusively, offered on a trimester basis and are designed to spark curiosity, encourage exploration, and allow students to pursue personal interests while developing new skills

GRADUATION REQUIREMENTS

In order to qualify for a South Kent School diploma, a student must earn a **minimum of eighteen (18) credits**.

The following are the minimum requirements to earn a South Kent School diploma:

- Four (4) English Credits
- Three (3) Mathematics Credits (Precalculus is strongly recommended)
- Three (3) Science Credits (to include two (2) lab sciences)
- Three (3) History credits (One (1) of U.S. History)
- Two (2) Language Credits (same language)
- Three (3) Additional Credits (a minimum of one (1) course earned by way of Art, Music, Futures Literacy, or a combination of these courses)

Graduation Courses By Year

Third Form

- One (1) English Credit
- One (1) Mathematics Credit
- One (1) Science Credit
- One (1) History credit
- One (1) Language Credit
- One (1) class in Art/Music Credit or Fut Lit

Fourth Form

- One (1) English Credit
- One (1) Mathematics Credit
- One (1) Science Credit
- One (1) History credit
- One (1) Language Credit
- One (1) class in Art/Music Credit or Fut Lit

Fifth Form

- One (1) English Credit
- One (1) Mathematics Credit
- One (1) Science Credit
- One (1) History credit
- One (1) Additional Credit
- One (1) class in Art/Music Credit or Fut Lit

Sixth Form

- One (1) English Credit
- One (1) Math/History/Science Credit
- One (1) Additional Credit

South Kent School requires all students to complete the designated credit requirements established by our institution, regardless of whether they have completed online courses through external providers. While we recognize the value of online learning experiences, ensuring consistency and adherence to our academic standards is essential. By completing all credit requirements within our curriculum, students receive a comprehensive and well-rounded education that aligns with our educational goals and expectations.

Third and Fourth Form students must be enrolled in a minimum of four (4) blocks each trimester. Fifth, Sixth and Postgraduate students must be enrolled in a minimum of three (3) blocks each trimester. The Dean of Academics has the right to enroll a student in a course if it is in the student's best academic interest. Students are not allowed to drop courses after the first week for a year-long course and after the first week of a trimester-contained course.

In order to earn a diploma, Sixth Form and Postgraduate students must meet the minimum graduation requirements and pass all credit-required courses. One-year Sixth Form and Postgraduate students must complete three (3) terms in residence at South Kent School. Any Sixth Form or Postgraduate student who fails a credit-required course is required to make up the work to the satisfaction of the Dean of Academics before a diploma is awarded, but he may participate in the graduation ceremony at the discretion of School Administration.

Students who wish to petition for early graduation must have been enrolled at South Kent School for a minimum of two years. In addition, no more than one transferred credit after enrollment may be applied toward earning credit or fulfilling graduation requirements.

NCAA Eligibility

Student-athletes must maintain a satisfactory GPA to meet NCAA eligibility standards to play college athletics. While standardized test scores, such as the SAT or ACT, are no longer required for NCAA eligibility evaluations, we strongly encourage students to consider taking the SAT and/or ACT for admissions purposes and scholarship consideration. Ensure that you are on track to meet your high school's graduation requirements, including the completion of necessary credits in core subjects. The NCAA 10 in 7 rule mandates that student-athletes must complete ten (10) core courses by the start of their seventh semester (senior year) of high school.

Student-athletes must also fulfill the academic admission requirements of their prospective colleges or universities. It is essential to note that meeting the NCAA eligibility requirements does not guarantee admission to a specific college or university. For more information on NCAA eligibility requirements, including specific credit requirements and the 10 in 7 rule, visit the NCAA Eligibility Center website (<https://web3.ncaa.org/ecwr3/>).

Trimester Weighting

Final averages in year-long courses are calculated using a degrading weighting system that emphasizes more recent academic performance. SUPA courses and trimester courses are exempt from this.

Course Offerings

Science Core Classes

Conceptual Physics

Length: Year Long

Credit: 1 Lab Science

Description: Conceptual Physics introduces students to the underlying laws and concepts of the physical world. This course investigates fundamental STEM concepts necessary to understand more complex phenomena in subsequent courses. A broad survey of topics lay the foundation for science literacy and further study. Units: Motion and Forces, Momentum, Energy, Gravitation and Orbital Motion, Electricity and Magnetism, Waves and Sound, Light and Optics, and relevant topics in Earth Science. As a course for underform students, mathematical analysis is limited to the Algebra I level. Problem solving will reinforce solving for a variable in equations with one unknown. Students also review ideas related to graphing, slope, direct, inverse, and inverse square relationships.

Biology

Length: Year Long

Credit: 1 Lab Science

Description: Biology is the study of life. The diverse forms of life found on earth provide biologists with an amazing array of organisms to study. Life can be viewed from many perspectives. This course is designed to help students learn about the biological sciences and to look for answers to some of the world's most enduring mysteries. Students have the opportunity to sharpen their abilities to make observations, formulate hypotheses, record information, analyze data and draw conclusions. Topics covered, and the problem-solving skills that are developed, are connected to real-world applications. Throughout the year, the theme of environmental sustainability is stressed. Our digital text focuses on the following crucial areas: experimentation and the process of science, modern content, evolutionary perspective, emphasis on visuals, accuracy and consistency, critical thinking, and media-active learning with technology. Completion of this course will prepare students to move on to study Chemistry, Anatomy & Physiology and the environmental electives.

Advanced Biology

Length: Year Long

Credit: 1 Lab Science

Description: Advanced Biology challenges students to explore the biological sciences with depth and analytical rigor. Students investigate cell biology, genetics, biochemistry, human body systems, evolution, disease, and ecology through inquiry-based labs and projects. Emphasis is placed on observing, formulating hypotheses, analyzing data, and drawing evidence-based conclusions. Students also connect scientific concepts to real-world problems, developing critical thinking and research skills.

Eligibility: *A grade of B+ or higher in the previous course in the sequence and recommendation from the previous teacher or department chair is recommended.*

Chemistry

Length: Year Long

Credit: 1 Lab Science

Description: Chemistry surveys the fundamental concepts underpinning modern academic and industrial applications of chemistry. A combination of lecture and laboratory activities/demonstrations allows students to explore the connection between theory and experiment, including the limitations of measurement methods. The material emphasizes atomic structure, periodicity, bonding, nomenclature, common reaction types, stoichiometry, kinetics, and acid/base chemistry. This course is constructed to equip students with an analytical approach and the STEM repertoire necessary to reach a sound explanation of chemical phenomena.

Corequisite: *Enrollment in Algebra II*

Advanced Physics

Length: Year Long

Credit: 1 Lab Science

Description: An algebraic approach to classical physics which focuses on modeling and analyzing real-world scenarios. Physics surveys kinematics in one and two dimensions, Newtonian mechanics, uniform circular motion, Newton's Law of Gravitation and Kepler's Laws of Planetary Motion, momentum and collisions, the work-energy theorem, rotational motion, torque, statics and fluid dynamics. Special emphasis is placed on the distinction between scalar and vector quantities, free body diagrams and application of Newton's Second Law.

Eligibility: *A grade of B+ or higher in Pre-Calculus and recommendation from the previous teacher or department chair is recommended.*

Environmental Science

Length: Year Long

Credit: 1 Lab Science

Description: Environmental Science is an interdisciplinary science course focusing on how humans interact with their surroundings and how science can be used to solve environmental problems. The course integrates ecology, meteorology, geology, chemistry, biology, and other scientific disciplines. Environmental sustainability and stewardship are underlying themes throughout the course. Students practice the scientific method, learning how to pose scientific questions, make predictions, collect and evaluate data, carry out experiments, and prepare formal scientific reports. Students also examine how South Kent School's operations affect the environment, and they explore ways to promote conservation and innovation on campus. Several class meeting times take advantage of the great outdoor classroom on the campus of South Kent School.

Advanced Environmental Science

Length: Year Long

Credit: 1 Lab Science

Description: Advanced Environmental Science examines the interactions between humans and the natural world through rigorous study and investigation. Students integrate ecology, biology, chemistry, geology, and meteorology to explore environmental challenges, sustainability, and conservation. Fieldwork on the South Kent campus provides hands-on experience, while experiments, data analysis, and formal reports develop scientific reasoning. Students propose solutions to local and global environmental problems.

Eligibility: *A grade of B+ or higher in the previous course in the sequence and recommendation from the previous teacher or department chair is recommended.*

Anatomy and Physiology

Length: Year Long

Credit: 1 Lab Science

Description: This course provides an in-depth study of the human body and its systems, designed for students seeking a challenging science experience. Students explore cellular biology, organ systems, and physiological processes through laboratory work, dissections, and case studies. The course emphasizes conceptual understanding over advanced mathematics, making it accessible to upper-level students who have completed biology and typically chemistry (but not required) with the intention to pursue a pre-med track in college. It may not be suitable for students who wish to pursue physics. Through analysis, experimentation, and applied learning, students develop a strong foundation in human anatomy and physiology, preparing them for advanced science coursework and health-related fields.

- Science Electives -

Food Science

Length: Trimester

Credit: 1/3 Science

Description: This course is designed for students to learn the relationships between science, food, and nutrition. Students will explore the characteristics of components typically found in foods we eat. Experiments done in class will help students understand and analyze how scientific principles are applied to creating nutritious food products. Understanding the relationship between culture, food, and science will help students evaluate the impacts of different cuisines.

Sports Food Science

Length: Trimester

Credit: 1/3 Science

Description: This course explores the principles of nutrition as they relate to athletic performance, health, and wellness. Students examine macronutrients, micronutrients, hydration, and timing of meals, while learning how diet influences energy, recovery, and overall fitness. Through hands-on projects, meal planning, and analysis of current research, students gain a scientific understanding of how nutrition supports athletic performance and healthy lifestyle choices.

Introduction to Engineering

Length: Trimester

Credit: $\frac{1}{3}$ Science

Description: Introduction to Engineering is designed to allow students to explore cornerstone concepts all engineers, regardless of discipline, use. Through a series of hands-on projects and targeted response reflections students will develop and practice skills, such as understanding the role of failure in design, applying the iterative design process to a project, and the role of engineering in our communities. This course will also challenge students to apply and expand existing critical thinking, problem-solving, and specialized data analysis skills based on learning targets.

Introduction to Robotics

Length: Trimester

Credit: $\frac{1}{3}$ Science

Description: Introduction to Robotics is a creative exploration course. Students will be able to explore construction, mechanics, and use code in a self-paced environment. Real-world skills explored in this course include time management, accessing tasks, and schedule building. This course will serve students of all understanding of robotics.

Participation in the Robotic Club is required during the same trimester that the student is enrolled in the course. The club serves as a competitive extension of the course curriculum, meeting two to three times per week and attending at least one competition per trimester.

Math Core Classes

Algebra I

Length: Year Long

Credit: 1 Math

Description: Algebra I is a course that introduces basic algebraic skills and provides the foundation for all subsequent math courses. Topics include properties of real numbers, relations, linear, quadratic, and exponential functions, graphing equations and inequalities, systems of equations, radicals, factoring polynomials, and mathematical modeling.

Geometry

Length: Year Long

Credit: 1 Math

Description: This is a proof-based course designed to develop spatial concepts and insight into the relationships between plane figures such as points, lines, polygons, and circles. Algebraic principles are consistently applied to geometry problems. Tools and technology are used to engage with and visualize the relationships between geometric figures and constructions. The development of a precise mathematical language is stressed with an emphasis on reading, reasoning, and problem-solving.

Algebra II

Length: Year Long

Credit: 1 Math

Description: Algebra II is intended to help students enrich their skills and develop more concepts beyond basic algebra as they prepare for higher-level mathematics courses. This course is designed to help students apply the mathematics they learned in the classroom to real-world situations, communicate mathematically, and use technology appropriately. Lessons that connect various areas of mathematics to algebra and geometry will be studied. Students will study real numbers, operations, and patterns as they extend their understanding of algebraic concepts. Course topics include linear functions, complex numbers, logarithms, polynomial functions, inverse functions, systems of equations and inequalities, and transformations of functions.

Functions, Trigonometry and Statistics

Length: Year Long

Credit: 1 Math

Description: This course is designed for students who have completed Algebra II and is looking for an additional math credit but needs some additional scaffolding before enrolling in Pre-Calculus or is looking to prepare for an upcoming SAT college placement test. In the first part of the course, we will conduct a review of linear and quadratic functions, along with looking at different types of factoring, polynomials and roots. The second segment of the course utilizes measurement and navigation tasks to teach trigonometry to study the properties of right triangles and their applications. In the third portion of the course, fundamentals of statistics are introduced and used to gather, analyze and summarize data.

Eligibility: *A student's Algebra II performance and/or previous math teacher recommendation or math chair recommendation.*

Pre-Calculus

Length: Year Long

Credit: 1 Math

Description: Pre-Calculus provides students a detailed study of the mathematics needed for calculus. The course topics are presented and explored from conceptual, graphical, and numerical perspectives. Students will deepen their study of algebraic, polynomial, rational, exponential, logarithmic, and trigonometric functions, complex numbers, linear systems, and limits.

Eligibility: *A student's Algebra II performance and/or previous math teacher recommendation or math chair recommendation.*

Advanced Pre-Calculus

Length: Year Long

Credit: 1 Math

Description: Advanced Pre-Calculus develops a rigorous understanding of functions, algebra, trigonometry, complex numbers, linear systems, and introductory limits. Students explore concepts analytically, graphically, and numerically, applying reasoning to challenging problems. Emphasis is placed on mathematical modeling, explanation of reasoning, and

preparation for calculus. Collaborative and independent work reinforces problem-solving skills and conceptual mastery.

Eligibility: A grade of B+ or higher in the previous course in the sequence and recommendation from the previous teacher or department chair is recommended.

Calculus I

Length: Year Long

Credit: 1 Math

Description: Following a review of Algebraic and Trigonometric functions, including their graphs, this course will offer students the study of limits and continuity, finding derivatives, applications of differentiation, and an introduction to integration. After the course, the student should have a sound preparation for the study of Calculus at the college level.

Advanced Calculus I

Length: Year Long

Credit: 1 Math

Description: Advanced Calculus I is a concept-driven course designed for students ready to engage deeply with the foundational ideas of calculus. Emphasizing conceptual understanding alongside procedural fluency, students explore limits, derivatives, and their applications to real-world problems. The course prioritizes mathematical reasoning, clear communication, and multiple representations of functions. Students are expected to take intellectual risks, justify their thinking, and connect abstract concepts to practical contexts. By the end of the course, students will be well-prepared to sit for the AP Calculus AB examination.

Eligibility: A grade of B+ or higher in the previous course in the sequence and recommendation from the previous teacher or department chair is recommended.

Advanced Calculus II

Length: Year Long

Credit: 1 Math

Description: Advanced Calculus II extends and deepens students' understanding of calculus through a comprehensive study of integration, series, parametric equations, and differential equations. This course challenges students to think independently, synthesize concepts across topics, and apply advanced techniques to complex problems. Emphasis is placed on analytical thinking, precision, and perseverance in problem-solving. Students will engage in collaborative inquiry and sustained exploration of mathematical ideas, preparing them for success on the AP Calculus BC examination and future study in STEM fields.

Eligibility: A grade of B+ or higher in the previous course in the sequence and recommendation from the previous teacher or department chair is recommended.

Advanced Statistics

Length: Year Long

Credit: 1 Math

Description: Advanced Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Through real-world investigations,

students develop statistical reasoning and learn to interpret data critically in an increasingly data-driven world. The course emphasizes inquiry, experimental design, and the communication of results, encouraging students to question assumptions and evaluate evidence. Students will use technology to model and analyze data sets, and will be prepared to sit for the AP Statistics examination upon completion of the course.

Eligibility: *A grade of B+ or higher in at least Algebra II and recommendation from the previous teacher or department chair is recommended.*

- Math Electives -

Introduction to Finance

Length: Trimester

Credit: $\frac{1}{3}$ Math

Description: This course offers students a foundational understanding of personal finance through an interactive, experiential approach. Using the framework of the Game of Life, students engage with practical financial concepts that are essential for adulthood. Over the semester, they will learn key skills such as budgeting, managing savings and checking accounts, understanding interest and investment options, evaluating credit and loans, and recognizing the role of insurance in financial security. By simulating real-life financial decisions, students gain firsthand experience in managing money and planning for their financial futures. This course equips students not only with critical financial literacy but also with the decision-making skills and confidence necessary to navigate an increasingly complex financial world. Our goal is to ensure that every student leaves with practical knowledge they can apply long after graduation.

Introduction to Computer Programming: Android

Length: Trimester

Credit: $\frac{1}{3}$ Math

Description: This class introduces the students to the world of Android-based Smartphone app development. The class uses the App Inventor web-based application development environment developed by MIT and Google. This platform allows students to create real-world applications using simple drag and drop actions (for both design and coding) that run on Android-based devices. The class will explore the fundamentals of programming such as user interface design (buttons, text boxes, etc.), user actions (clicking, swiping, entering text, etc.), and the code behind everything to make the apps do what we want. The students can download the MIT App Inventor Companion App to their device and run their projects on their own devices.

Technology Requirement: *Students must have a working PC or Mac laptop*

Offered on rotational basis with other programming courses, may not be available every academic year.

Introduction to Computer Programming: HTML

Length: Trimester

Credit: 1/3 Math

Description: The world runs on “the web”. Understanding how the web works and how websites are created is an essential skill that students should understand. The Introduction to Programming: HTML class is designed to introduce students to the world of web programming using HTML (the Hypertext Markup Language) and CSS (Cascading Style Sheets). These are two of the core technologies for building web pages. HTML provides the structure of the page, CSS defines the layout for a variety of devices. HTML and CSS are the basis of building web pages and web applications. The class introduces students to the basics of HTML (text, pictures, links, forms) and the basics of CSS (color, font, styles). They learn about these concepts by building their own web pages using Microsoft’s Visual Studio development environment. *Technology*

Requirement: *Students must have a working PC or Mac laptop*

Offered on rotational basis with other programming courses, may not be available every academic year.

Computer Science: Introduction to Databases

Length: Trimester

Credit: 1/3 Math

Description: Databases play a crucial role in many aspects of our daily lives, from online shopping to Google searches. The Introduction to Database course introduces students to the fundamentals of database design and functionality. Students will learn to design, build, populate, and query small databases, gaining a clear understanding of what databases can and cannot do. Weekly discussions will explore real-world database-related issues, such as data breaches and personal data protection, helping students connect their learning to real-world implications.

Technology Requirement: *Students must have a working PC or Mac laptop*

Offered on rotational basis with other programming courses, may not be available every academic year.

Introduction to Computer Basics

Length: Trimester

Credit: 1/3 Math

Description: This course introduces students to the fundamental skills needed to use computers effectively for academic and everyday tasks. Students will learn the basics of computer hardware and operating systems, file management, and common productivity tools. The course provides hands-on experience with applications used for word processing, spreadsheets, presentations, and online collaboration. Students will also develop foundational digital literacy skills, including navigating the internet responsibly, evaluating online information, and practicing good cybersecurity habits. By the end of the trimester, students will be comfortable managing files, creating and formatting documents, organizing information, and using core software tools that support learning across disciplines.

Technology Requirement: *Students must have a working PC or Mac laptop*

Offered on rotational basis with other programming courses, may not be available every academic year.

Introduction to Computer Programming: Java

Length: Trimester

Credit: $\frac{1}{3}$ Math

Description: This course introduces students to the fundamentals of computer programming using the Java programming language. Students learn the core concepts that form the foundation of programming, including variables, data types, conditional statements, loops, and basic object-oriented principles. Through guided exercises and small programming projects, students develop problem-solving strategies and learn how to write, test, and debug their own code. The course emphasizes logical thinking and computational problem-solving while giving students hands-on experience building simple programs. By the end of the trimester, students will have a working understanding of how software is written and structured and will be prepared for more advanced programming study.

Technology Requirement: *Students must have a working PC or Mac laptop*

Offered on rotational basis with other programming courses, may not be available every academic year.

Introduction to Computer Programming: Python

Length: Trimester

Credit: $\frac{1}{3}$ Math

Description: This course introduces students to computer programming using Python, a widely used programming language known for its clear syntax and versatility. Students will learn the fundamental principles of programming, including variables, data types, conditional statements, loops, and functions. Through hands-on activities and small projects, students will practice writing programs that solve problems, manipulate data, and automate simple tasks. The course emphasizes logical thinking, step-by-step problem solving, and debugging strategies that help students understand how programs work. By the end of the trimester, students will have a solid foundation in programming concepts and experience building simple Python programs.

Technology Requirement: *Students must have a working PC or Mac laptop*

Offered on rotational basis with other programming courses, may not be available every academic year.

Computer Science: App Development

Length: Year Long

Credit: 1 Math

Description: This year-long course empowers students to elevate their programming skills through hands-on application development. From day one, the class revolves around a guiding question: "What do you want to learn?" This student-driven approach fosters engagement, creativity, and ownership, allowing students to explore their interests while contributing to a collaborative development environment. Throughout the year, students work as a development team, applying advanced programming concepts to build a real-world application. By the end of the course, students will have deepened their programming expertise, gained confidence in tackling complex coding challenges, and developed real-world experience working as part of a development team. Designed for students with prior programming experience, either from a previous course or demonstrated proficiency, this course builds on existing knowledge to

explore more advanced development concepts.

Technology Requirement: *Students must have a working PC or Mac laptop*

Eligibility: *Previous coding experience, in Java or Python.*

English Core Classes

English 1

Length: Year Long

Credit: 1 English

Description: This underform course provides students with a foundational understanding of literary forms and creative composition. Through the study and practice of short stories, novels, and poetry, students will explore the conventions and structures that define each genre. Readings will include both classical and contemporary works, allowing students to analyze the techniques used by various authors. Writing assignments will focus on crafting original works within each genre, emphasizing voice, style, and structure. By the end of the course, students will have developed a deeper appreciation for literary forms and honed their creative writing skills.

English 2

Length: Year Long

Credit: 1 English

Description: Building on the foundations of English 1, this underform course explores the art of storytelling across multiple forms, including essays, memoirs, drama, and novels. Students will examine how writers construct compelling narratives, develop characters, and engage audiences across different genres. Through analytical readings, guided writing exercises, and workshop discussions, students will refine their ability to craft original works and articulate their ideas effectively. Writing assignments will encourage both creative exploration and critical reflection on the storytelling process.

English 3

Length: Year Long

Credit: 1 English

Description: This upperform course examines the evolution of American literature, exploring how historical and cultural contexts have shaped the nation's literary traditions. Readings may include works from foundational American authors, the Harlem Renaissance, modernist and postmodernist movements, and contemporary voices. Through class discussions, analytical essays, and research projects, students will engage with major themes such as identity, freedom, and the American Dream. Emphasis will be placed on critical reading, textual analysis, and argumentative writing to help students develop strong interpretative and rhetorical skills.

English 4

Length: Year Long

Credit: 1 English

Description: This upperform course provides an in-depth study of significant literary authors and works, blending guided readings with independent research and analysis. In the first two trimesters, students will engage with major classical and contemporary texts, analyzing themes, literary techniques, and historical contexts. Writing assignments will focus on academic essays that incorporate multiple scholarly sources, emphasizing critical analysis and literary critique. In the third trimester, students will undertake an independent study, selecting an author or work to analyze in depth, culminating in a substantial literary criticism project that demonstrates their ability to apply scholarly research and critical thinking skills.

- English Electives -

Mythology

Length: Trimester

Credit: 1/3 English

Description: This course introduces students to myths from a variety of cultures and traditions, with particular attention to Greek and Roman mythology. Students will read and analyze classic mythological stories while exploring the themes, archetypes, and symbols that continue to shape literature, film, and popular culture. Through discussion, writing, and creative projects, students will examine how myths reflect cultural values and enduring questions about heroism, fate, power, and human nature.

History Core Classes

Western Civilization

Length: Year Long

Credit: 1 History

Description: This underform course explores the historical development of Western Civilization through the study of key periods, including Ancient Greece, the Roman World, the Middle Ages, the Renaissance, the Reformation, and Early Modern Europe. Students will examine the political, cultural, and philosophical milestones that have shaped the modern world. The course will focus on the critical events, figures, and movements that defined these eras, developing students' abilities to think historically, analyze primary and secondary sources, and write analytically about significant historical developments.

US History 1 (to 1920)

Length: Year Long

Credit: 1 History

Description: This underform course examines the history of the United States from its Indigenous civilizations and European colonization through the Progressive Era of the early 20th century. Students will explore key events such as the American Revolution, the drafting of the Constitution, westward expansion, the Civil War, Reconstruction, and the rapid industrialization that followed. The course concludes with the Progressive Era, analyzing the

social and political reforms that aimed to address the challenges of industrialization, immigration, and economic inequality. Through primary sources, historical inquiry, and discussion, students will develop a strong foundation in early American history and its lasting impact.

Advanced US History 1 (to 1920)

Length: Year Long

Credit: 1 History

Description: Advanced U.S. History I examines the nation's development from Indigenous civilizations and European colonization through the Progressive Era. Students analyze the American Revolution, Constitution, westward expansion, Civil War, Reconstruction, industrialization, and social reform movements. Using primary sources, historical scholarship, and analytical writing, students develop advanced skills in sourcing, argumentation, and evidence-based interpretation.

Eligibility: *A grade of B+ or higher in the previous course in the sequence and recommendation from the previous teacher or department chair is recommended.*

AP Note: *Completion of both Advanced U.S. History I and II is required to be ready for the APUSH exam.*

US History 2 (since 1920)

Length: Year Long

Credit: 1 History

Description: This upperform course picks up with World War I, this course explores the major events, conflicts, and cultural shifts that have shaped modern America. Topics include the Roaring Twenties, the Great Depression, World War II, the Cold War, the Civil Rights Movement, and contemporary social and political developments. Students will analyze the expanding role of the United States in global affairs, the evolution of democracy, and the challenges of the modern era. Using critical thinking, research, and discussion, students will gain a deeper understanding of how historical events continue to influence the present and future.

Advanced US History 2 (since 1920)

Length: Year Long

Credit: 1 History

Description: Advanced U.S. History II explores U.S. history from World War I to the present, including the Roaring Twenties, the Great Depression, World War II, the Cold War, the Civil Rights Movement, and contemporary developments. Students analyze primary and secondary sources, construct historical arguments, and connect past events to modern issues.

Eligibility: *A grade of B+ or higher in the previous course in the sequence and recommendation from the previous teacher or department chair is recommended.*

Sequence Note: *U.S. History I is a prerequisite. Though the advanced section is not required. Those who were not in Advanced U.S. History I in 4th Form but demonstrate readiness for Advanced U.S. History II in 5th Form may enroll with departmental approval. Transfer students enrolling as a 5th Former may either enroll in Adv. U.S. History I first before enrolling in Adv. U.S. History II or complete asynchronous APUSH preparatory work through the Progressive Era over the summer*

preceding their 5th Form year. Completion must be shown to the History Department Chair at the start of the year.

- History Electives -

Introduction to Future Technologies

Length: Trimester

Credit: 1/3 History

Description: This course provides a foundational exploration of three of the most transformative technologies of our time: Bitcoin (decentralized digital currency and blockchain), Artificial Intelligence (machine learning and generative models), and Quantum Computing (the next paradigm of computation). Rather than treating these as isolated topics, the course emphasizes their profound intersections—how AI might leverage quantum speedups, how the quantum era is driving innovation in post-quantum cryptography and blockchain resilience, and how blockchain technology could create decentralized markets for AI services. Students will gain a conceptual understanding of how each technology works, engage with the ethical and societal implications, and culminate the course by applying their knowledge to a hands-on project in a domain of their choosing. No prior technical background is required.

Introduction to Business Management

Length: Trimester

Credit: 1/3 History

Description: This course introduces students to the fundamentals of business management, leadership, and organizational decision-making. Students will explore key concepts such as business ethics, marketing, finance, human resources, and operations management. Through case studies, hands-on projects, and real-world applications, students will develop problem-solving, teamwork, and communication skills essential for success in the business world. By the end of the course, students will have a strong foundation in business principles and an understanding of what it takes to manage and lead in a professional environment.

Introduction to Sports Management

Length: Trimester

Credit: 1/3 History

Description: This course introduces students to the field of sports management and the business operations behind athletic organizations and events. Students will explore topics such as team operations, marketing, event management, sponsorship, media relations, and athlete representation. Through case studies and project-based activities, students will examine how professional teams, collegiate programs, and sports organizations operate, while also gaining insight into potential careers within the sports industry.

Sports Psychology

Length: 1 Trimester

Credit: 1/3 History

Description: Sports Psychology explores the mental processes and behaviors that influence athletic performance, motivation, and overall well-being. This course examines key psychological concepts such as goal setting, confidence, focus, stress management, resilience, and team dynamics, and how they apply to both individual and team sports. Students will analyze the role of mindset in performance, learn techniques used by athletes to enhance mental toughness, and explore strategies for maintaining balance between athletics, academics, and personal life.

Introduction to Entrepreneurship

Length: Trimester

Credit: 1/3 History

Description: This project-based course introduces students to the entrepreneurial mindset and the key steps involved in innovation. Students will explore the processes of identifying opportunities, brainstorming ideas, developing solutions, and bringing them to market. Through real-world projects, they will apply principles of innovation, creativity, and business strategy to solve problems and create their own entrepreneurial ventures.

Introduction to Personal Branding

Length: Trimester

Credit: 1/3 History

Description: This course focuses on the skills needed to effectively present and promote yourself in academic, professional, and public settings. Students will develop resumes, practice interview techniques, and learn strategies for building a positive digital presence through social media and networking platforms. The course will also introduce the concept of Name, Image, and Likeness (NIL) and how individuals can responsibly manage their personal brand in athletics, academics, and future careers.

Introduction to Institutional Marketing

Length: Trimester

Credit: 1/3 History

Description: This course introduces students to the fundamentals of marketing within businesses and organizations. Students will explore how companies develop brands, identify target audiences, and communicate value through advertising, digital media, and public relations. Through case studies and project-based work, students will examine marketing as a potential career path and learn how successful organizations build and maintain their public image.

Civics

Length: Trimester

Credit: 1/3 History

Description: This course introduces students to the principles, structures, and functions of the United States government and civic life. Students explore the Constitution, the roles of local, state, and federal government, and the rights and responsibilities of citizens. Through discussion, case studies, and project-based learning, students analyze current events, public

policy, and civic engagement, developing the knowledge and skills needed to participate thoughtfully and effectively in democratic society.

Historic Preservation & Restoration

Length: 1 Trimester

Credit: 1/3 History

Description: Students explore historic preservation through family histories in Kent, CT, including the Hatch Family who originally owned the land that South Kent School's North Campus is located on. The course emphasizes documenting, assessing, and maintaining historic structures and artifacts while examining broader questions of cultural heritage, architecture, and preservation ethics. Hands-on projects and research allow students to engage directly with the preservation/restoration process and the stories embedded in historic spaces.

World Language Courses

Spanish I

Length: Year Long

Credit: 1 WL

Description: This introductory course is designed for students with little to no prior experience in Spanish. Emphasis is placed on developing foundational skills in listening, speaking, reading, and writing. Students will learn basic vocabulary, grammar structures, and cultural aspects of Spanish-speaking countries through interactive activities and real-world applications. By the end of the course, students will be able to communicate in simple conversations and understand essential everyday phrases.

Spanish II

Length: Year Long

Credit: 1 WL

Description: Building upon the skills acquired in Spanish 1, this course strengthens students' abilities in speaking, listening, reading, and writing. Students will expand their vocabulary, refine their grammatical knowledge, and practice more complex sentence structures. Emphasis is placed on improving conversational skills and cultural awareness through authentic materials such as music, film, and literature.

Spanish III

Length: Year Long

Credit: 1 WL

Description: Spanish 3 continues the development of language proficiency with a focus on more advanced grammar, expanded vocabulary, and improved fluency in speaking and writing. Students will engage in discussions, present on cultural topics, and analyze authentic texts. Greater emphasis is placed on understanding and expressing opinions, narrating past events, and making comparisons across cultures.

Spanish IV

Length: Year Long

Credit: 1 WL

Description: This advanced course is designed to refine students' Spanish language skills through in-depth discussions, analysis of authentic materials, and extended writing tasks. Students will explore literature, history, and current events from the Spanish-speaking world while honing their ability to express complex ideas in both written and spoken Spanish. By the end of the course, students will be prepared for college-level Spanish studies or real-world language application.

Remote Language Offerings - Educere

Length: Year Long

Credit: 1 WL/course enrolled

Description: Students who wish to pursue the study of a world language other than Spanish may do so through remote enrollment with Educere, an accredited provider of online coursework. These courses allow students to study languages not currently offered on campus while still earning South Kent School credit. Instruction is delivered asynchronously through Educere's online learning platform and includes multimedia lessons, guided practice, assessments, and instructor feedback. Students are expected to maintain steady progress throughout the term and meet all Educere deadlines and requirements. While the course is completed remotely, students will have a designated time and location on campus to work on the course and will check in regularly with a faculty advisor to ensure progress and provide academic support. Availability of specific languages and levels is determined by Educere's course catalog.

Syracuse University Project Advance (SUPA) Courses

SUPA dual enrollment courses are typically reserved for rising Sixth Form and Postgraduate students who have a 'B' average or better in the subject area and overall GPA. Course offerings in a given academic year are contingent upon South Kent School faculty availability

SUPA Chemistry I & II (CHE 106/107 and CHE 116/117)

Length: 3 Trimesters (1.5 per course)

Credit: 2 Lab Science (1 per course)

Description: This course investigates fundamental principles and laws underlying chemical action, states of matter, atomic and molecular structure, chemical bonding, stoichiometry, properties of solutions, chemical equilibria, and introductory thermochemistry. Students develop competencies in scientific inquiry and research skills. In the laboratory, students will gain experience studying basic principles and techniques of chemistry. Lab activities will demonstrate the states of matter, determine formulas and molecular weights of compounds, conduct simple volumetric and gravimetric analysis, approximate heats of reaction, observe chemical equilibrium, rates of reactions, and qualitative analysis.

SUPA Introduction to the Analysis of Public Policy (PST 101)

Length: 2 Trimesters

Credit: 1 History

Description: To understand public policy, students will deconstruct local, state, and international issues drawn from the pages of published material or interviews with real-world players; develop the social science skills to define and identify policy components; and use graphs, tables, and statistics to analyze and communicate your ideas. Ultimately, students will identify a social problem and propose a policy to address it—defending the costs and outlining the expected benefits—which will help them become more informed citizens, workers, and consumers.

SUPA Economic Ideas and Issues (ECN 203)

Length: 2 Trimesters

Credit: 1 History

Description: Foundation of modern Western economic thought. The model economists have built on this foundation as applied to current issues facing individuals and society. The course is rigorous, but not heavily mathematical. Students should understand basic algebra and geometry. More importantly, they should be able to follow carefully reasoned logical development of a theoretical model and to apply that model to their own experiences. Economics 203 provides an excellent opportunity to nurture this skill.

SUPA Introduction to Entrepreneurship and Emerging Enterprises (EEE 370)

Length: 2 Trimesters

Credit: 1 History

Description: This course focuses on what it takes to start, grow, and sustain new business ventures. Topics include: understanding entrepreneurs and their teams, evaluating opportunities, creating a venture plan, securing resources. Readings and guest lecturers emphasized.

SUPA Introduction to Creative Nonfiction (WRT 114)

Length: 2 Trimesters

Credit: 1 English

Description: Writing 114 provides an introduction to creative nonfiction (CNF), a genre that encompasses many kinds of prose: memoir, biography, travel writing, science writing, and literary journalism, to name a few. CNF writers almost always—in some way or other—focus on the tensions that emerge between individuals and the world around them. Thus, the title of this course, “Writing Culture,” refers to writing about oneself and others in the context of a broader culture. How do we negotiate cultural norms, expectations, rituals, and practices? How does culture shape us as individuals? To what degree do we absorb or resist our cultural influences? And how do we, as individual actors and witnesses to our world, shape the culture in which we live? These are just a few of the many questions we’ll ask ourselves as we move through this course.

Music/Art Electives

Music: Percussion

Length: Trimester
Credit: 1/3 Art/Music

Music: Guitar

Length: Trimester
Credit: 1/3 Art/Music

Music: Piano

Length: Trimester
Credit: 1/3 Art/Music

Art: Digital Media

Length: Trimester
Credit: 1/3 Art/Music

Art: 2D Art

Length: Trimester
Credit: 1/3 Art/Music

Art: 3D Art

Length: Trimester
Credit: 1/3 Art/Music

North Campus Electives

Agriculture and Food Science Systems

Length: 1 Trimester
Credit: 1/3 Elective

Description: Students return to campus in the fall during the height of the late-summer harvest and continue through the crisp early-to-late autumn. Using the North Campus farm and industrial kitchen, they harvest and then learn to prepare them using basic culinary techniques. Emphasis is placed on selecting, cleaning, and cooking fresh produce while exploring seasonal flavors, nutrition, and sustainable farm-to-table practices.

Sustainability and Food Science Systems

Length: 1 Trimester
Credit: 1/3 Elective

Description: In the spring, students play a crucial role in shaking off winter frost and preparing the greenhouses for early-season planting. Using the North Campus farm and industrial kitchen, they plant crops such as peas, lettuce, spinach, radishes, and herbs, then transform the harvest into fresh, healthy dishes. The course emphasizes sustainable planting practices, soil health, and connecting early-season agricultural work with hands-on culinary experience.

Non-Associated Electives

Health

Length: 1 Trimester

Credit: $\frac{1}{3}$ Elective

Description: This course examines the interconnected nature of health, well-being, and performance, with an emphasis on helping students make informed, responsible choices that support long-term physical, mental, and social wellness. Students explore key topics including nutrition, sleep, mental health, injury prevention, substance use, sexual health, and personal safety, while considering how peer influence and decision-making affect overall well-being.

SAT Math Preparation

Length: Trimester

Credit: $\frac{1}{3}$ Elective

Description: Offered in Trimester One, this course provides students with focused preparation for the math section of the SAT. Students review key mathematical concepts—including algebra, geometry, and data analysis, while learning explicit test-taking strategies such as time management, question interpretation, and multiple-choice techniques. Through practice problems, timed exercises, and targeted skill-building, students strengthen both their conceptual understanding and confidence, equipping them to perform more effectively on the SAT.

This course is Pass/Fail.

Advanced Media Group (AMG)

Length: Trimester

Credit: $\frac{1}{3}$ Elective

Description: Advanced Media Group is a trimester elective open to students interested in media production, whether they are new to the field or already have an established passion for digital storytelling. Students work collaboratively to plan, produce, and edit multimedia content for the school community. Projects may include video segments, interviews, event coverage, short documentaries, and podcast episodes. Instruction introduces core production techniques such as filming, sound recording, editing, and visual composition, while also giving students opportunities to develop skills in audio storytelling and podcast production. Experienced students are encouraged to take on leadership roles within the production process and help guide projects from concept to final product. Emphasis is placed on creativity, collaboration, and thoughtful storytelling.

Participation in the AMG Club is required during the same trimester that the student is enrolled in the course. The club serves as a real-world extension of the course curriculum, meeting two to three times per week and attending School events when assigned to be there as a representative of the AMG Club.

College Application Prep

Length: Trimester

Credit: $\frac{1}{3}$ Elective

Description: Throughout the course, students will complete all major components of the college application process, including setting up application platforms, activity lists, requesting letters of recommendation, and developing a standardized testing plan.

This course is Pass/Fail.