



SOUTH KENT
S C H O O L

Course Catalog

2023-2024

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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.

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Graduation Requirements

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

1 credit is awarded for successful completion of each trimester-contained **major course** or completion of each Yearlong Minor Block.

1/2 credit is awarded for successful completion of each trimester-contained **minor course**.

1/3 credit is awarded for successful completion of each trimester-contained **creative course**.

The following are the minimum requirements for returning students in the Class of 2024:

- 4 English Credits**
- 4 Mathematics Credits** (minimum level of Algebra II)
- 3 Science Credits** (to include two lab sciences)
- 3 History credits**
- 2 Language Credits** (same language)
- 4 Elective Credits**

For new students in the Class of 2024 and subsequent graduating classes, the following are the minimum requirements:

- 4 English Credits**
- 3 Mathematics Credits** (minimum level of PreCalculus)
- 3 Science Credits** (to include two lab sciences)
- 3 History credits** (1 of US History)
- 2 Language Credits** (same language)
- 3 Additional Credits** (a minimum of 1 credit earned by way of Art, Music, Future Literacies, or a combination of these courses)

Recommended Courses by Year

Third Form

- 1 English Credit**
- 1 Mathematics Credit**
- 1 Science Credit**
- 1 History credit**
- 1 Language Credit**
- 0.33 Art/Music Credit/Fut. Lit**

Fourth Form

- 1 English Credit**
- 1 Mathematics Credit**
- 1 Science Credit**
- 1 History credit**
- 1 Language Credit**
(*can be last requirement, but it is recommended that a student completes 3 years of a language)
- 0.33 Art/Music Credit/Fut. Lit**

Fifth Form

- 1 English Credit**
- 1 Mathematics Credit**
(*may be last requirement if student is enrolled in Foundations III or higher)
- 1 Science Credit**
(*may be last requirement if student has completed two lab sciences)
- 1 History credit**
- 1 Additional Credit**
- 0.33 Art/Music Credit/Fut. Lit**

Sixth Form

- 1 English Credit**
- 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.

All students must take a **challenging course load** each term. Students in The Academies will be required to carry their **Core Courses, taking one Humanities or STEM course per trimester, in addition to their required Math course**. Additionally, Third and Fourth Formers are strongly encouraged to take a minimum of **two creative courses and two world language courses** during their third and fourth form years. Fifth Formers, Sixth Formers, and Post Graduates will be required to carry a **minimum of 1.5 Credits per**

trimester. The Dean of Mastery Learning and Curricular Innovation reserves 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 two weeks of the trimester.

In order to earn a diploma, Sixth Formers and Post Graduates must meet the minimum graduation requirements and pass all credit-required courses. One-year Sixth Formers and Post Graduates must complete three terms in residence at South Kent School. Any Sixth Former or Post Graduate who fails a credit required course is required to make up the work to the satisfaction of the Dean of Mastery Learning and Curricular Innovation before a diploma is awarded, but he may participate in the graduation ceremony at the discretion of the School administration.

NCAA Eligibility

As a **student-athlete** pursuing collegiate sports, understanding the academic requirements set by the National Collegiate Athletic Association (NCAA) is crucial. Here is a summary of the NCAA eligibility requirements in terms of academic courses, including an outline of the NCAA 10 in 7 rule and credit requirements for each division:

Core Course Requirements:

Student-athletes must complete a specific number of core courses in high school to meet NCAA eligibility standards. Core courses are typically rigorous academic subjects and include English, mathematics, science, social studies, and foreign language. It is crucial to consult with your high school counselor or NCAA eligibility center to confirm if your courses meet the core course requirements.

Grade Point Average (GPA):

Student-athletes must maintain a satisfactory GPA to meet NCAA eligibility standards. The specific GPA requirement may vary depending on the NCAA division (Division I, II, or III) and the Initial Eligibility Clearinghouse.

It is advisable to aim for a strong GPA throughout high school to maximize eligibility opportunities.

Test Scores: 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.

Graduation Requirements: To be NCAA eligible, student-athletes must fulfill the

graduation requirements of their high school. Ensure that you are on track to meet your high school's graduation requirements, including the completion of necessary credits in core subjects.

NCAA 10 in 7 Rule: The NCAA 10 in 7 rule mandates that student-athletes must complete 10 core courses by the start of their seventh semester (senior year) of high school. These 10 core courses must be comprised of seven courses in English, math, or natural/physical science, and three additional core courses in English, math, natural/physical science, social science, or foreign language.

Credit Requirements for Division I:

Student-athletes must complete 16 core courses in high school and earn a core course GPA of 2.3 or higher. These 16 core courses should consist of four years of English, three years of math (Algebra I or higher), two years of natural/physical science (including one lab science), one additional year of English, math, or natural/physical science, two years of social science, and four years of additional core courses from any category.

Credit Requirements for Division II:

Student-athletes must complete 16 core courses in high school and earn a core course GPA of 2.2 or higher. These 16 core courses should consist of three years of English, two years of math (Algebra I or higher), two years of natural/physical science (including one lab science), three additional years of English, math, or natural/physical science, two years of social science, and four years of additional core courses from any category.

Credit Requirements for Division III:

Division III does not have specific course requirements set by the NCAA. However, Division III institutions may have their own academic standards and admission requirements, which student-athletes must fulfill.

It is important to note that meeting the NCAA eligibility requirements is just one aspect of the college admission process. 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. Student-athletes should also fulfill the **academic admission requirements** of their prospective institutions.

For detailed and up-to-date information on NCAA eligibility requirements, including specific credit requirements and the 10 in 7 rule, visit the NCAA Eligibility Center website (www.ncaa.org/student-athletes/future/eligibility-center) or consult with your high school counselor. Understanding these requirements and planning accordingly will help you navigate the NCAA eligibility process effectively as you pursue your athletic and academic goals.

Schedule & Types of Courses

Major Blocks [A Major and B Major]:

Our 70-minute major blocks offer an extended period of time that benefits student learning in numerous ways. The longer duration allows for in-depth exploration of complex topics, encourages active student engagement, and promotes meaningful discussions and collaborative activities. This block accommodates a diverse range of courses, including **SUPA Courses, Humanities Courses, STEM Courses, and Advanced Interdisciplinary Exploration (AIE) Courses**, providing students with a rich and diverse academic experience. With the additional time, students can delve deeper into subject matter, apply critical thinking skills, and develop a deeper understanding of interdisciplinary connections.

Minor Blocks [A1, A2, B1, and B2

Minors]: Our 60-minute minor blocks are dedicated to immersive learning in a specific subject area, providing students with focused and comprehensive instruction. Within this block, a diverse array of classes are offered, including **World Language Courses, Math Courses tailored to student placement, subject-specific elective courses, in addition to our Art and Music courses**. Furthermore, this block also encompasses future literacy courses such as **Engineering, Programming and Coding, as well as Robotics**, equipping students with essential skills for the evolving technological landscape. The concentrated time frame allows for in-depth exploration, skill development, and the cultivation of a deep understanding in these various disciplines.

Creative Blocks [C1 and C2]: Our 50-minute creative blocks, strategically

offered during informal lunches, provide students with increased variation and flexibility in their schedules while offering additional opportunities to explore our rich **Art and Music courses**. These courses are thoughtfully paired with **evening studio time**, allowing students to extend their learning beyond the classroom and engage in creative endeavors. By combining the shorter course block with dedicated studio time, students can fully immerse themselves in their artistic pursuits and make the most of their creative potential.

Z & Y Blocks

We have implemented course schedule blocks known as free blocks, which are intentionally designed as flexible periods for community time, school-wide meetings, advisory programming, and teacher-student conferences. These flex periods offer several benefits, including fostering a sense of community, promoting school spirit, enhancing student engagement, and providing valuable opportunities for individualized support and goal-setting. Additionally, free blocks allow for seamless coordination of important school-wide gatherings, ensuring effective communication and maximizing the use of instructional time throughout the regular course schedule.

Core Courses: Core courses are required classes that provide our students with a strong foundation of knowledge and skills that will prepare them for more challenging and dynamic courses in the future. **Core courses, which include Humanities 1.1 and 1.2, Humanities 2.1 and 2.2, STEM 1, STEM 2, in addition to Foundations of Mathematics I, Foundations of Mathematics II, and**

**Foundations of Mathematics III:
PreCalculus, or Accelerated
Foundations of Mathematics III:**

Algebra II & Precalculus, cover fundamental concepts and principles that are essential to a wide range of academic disciplines. By mastering these foundational courses, students are better equipped to succeed in more advanced courses that require higher levels of analysis, synthesis, and application. Core courses also help students develop important lifelong learning skills, such as effective study habits, time management, and collaboration, which are essential for academic and professional success. Ultimately, core courses are a critical component of any well-rounded education and help to ensure that students are prepared to meet the challenges of their future academic and professional endeavors.

**Advanced Interdisciplinary
Explorations (AIEs):**

Advanced Interdisciplinary Explorations are courses designed to provide a comprehensive and in-depth exploration of a topic, drawing from multiple fields of study. AIEs assume a high level of prior knowledge and may require prerequisite courses in multiple disciplines. AIEs challenge students to think deeply and critically about complex topics from multiple angles, drawing on a variety of sources and methodologies. Scheduled as Major Blocks, students are encouraged to approach the subject matter from multiple perspectives, integrating knowledge from different fields of study to gain a more complete understanding of the topic. As advanced courses, AIEs are designed for students who have already mastered the fundamentals of the subject matter and are ready for a more challenging and nuanced exploration. AIEs require more independent research, critical thinking, and advanced analysis skills.

**Syracuse University Project Advanced
(SUPA):**

SUPA courses offered at South Kent School are taught by South Kent School faculty who have qualified as “Adjunct Instructors” at Syracuse University, with training, guidance, and support provided by a Syracuse University professor. South Kent faculty who are members of Project Advanced must demonstrate experience in their course of instruction, attend training at Syracuse University, and work closely with professors who teach the same classes at Syracuse University. These rigorous requirements inform our SUPA course offerings, as courses can only be offered based upon certified-instructor availability. Additionally, professors from Syracuse University regularly visit classrooms at South Kent.

The course curriculum of South Kent School’s high school SUPA classes is academically challenging and is identical in all important aspects to courses offered to students at Syracuse University.

Students in the Fifth, Sixth, and Post Graduate Forms may enroll in Syracuse University Project Advanced courses; some courses, however, may be restricted by Syracuse University to Sixth and Post Graduates students only. In order to earn Syracuse University college credits, enrolled students will be responsible for paying an additional fee which is required by and paid to Syracuse University in order to register for the course and receive a Syracuse University transcript. South Kent School and Syracuse University are committed to providing equal opportunity to all students interested in enrolling in SUPA courses and can assist with additional costs. For more information, contact Mr. Jesse Brennan, Dean of Mastery Learning and Curricular Innovation.

The Academies

The Third and Fourth Form

Academies play a vital role in preparing students for complex interdisciplinary learning, developing their interpersonal skills, and fostering effective study habits, in addition to emphasizing mastery-based learning which helps students develop a deeper understanding of the subjects they are studying. Academy courses are designed to provide a broad foundation of knowledge and skills across a range of subjects, including math, science, English, history, and the arts. In a mastery-based learning environment, students are encouraged to work at their own pace and receive personalized feedback to support their learning and growth.

In addition to subject-specific content, Academy courses emphasize a range of interpersonal skills including collaborative learning, problem-solving, critical thinking, and communication skills. By providing opportunities for hands-on, project-based learning and personalized feedback, Academy courses help students develop the self-direction and

self-motivation needed to succeed in advanced interdisciplinary learning environments and beyond. Additionally, these courses help students develop effective study habits, time management skills, and a sense of responsibility for their own learning. Overall, the Academies are an integral part of a student's high school experience, providing a foundation for success in more advanced coursework.

The following courses comprise the Third Form Academy:

- 2 Humanities Courses (Humanities 1.1 & 1.2)**
- 1 STEM Course (STEM 1)**
- 1 Math Course (determined by transcript review and department placement)**

The following courses comprise the Fourth Form Academy:

- 2 Humanities Courses (2 of the 3: Humanities 2.1, 2.2, 2.3)**
- 1 STEM Course (STEM 2)**
- 1 Math Course (determined by transcript review and department placement)**

Arts

Introduction to Art

The Introduction to Art course is designed to provide South Kent students with a comprehensive overview and hands-on experience in various art forms, techniques, and art history. This course serves as a foundation for further exploration of artistic expression and development of visual literacy skills. Throughout the course, students will engage in creative activities, critical analysis, and discussions to foster their artistic understanding and individual artistic voice. The curriculum combines theoretical knowledge with practical application, allowing students to develop skills in different art mediums, such as drawing, painting and sculpture.

Trimester Creative Block
Credits: ½ Art

Drawing I

Students will focus on drawing assignments in this trimester course. Working mostly with graphite, markers, and charcoal, they will have the opportunity to grasp a basic understanding of beginner drawing terms and concepts such as contour drawing, negative space, value, and tone. Projects are focused on the elements of art media and may include colored pencils and scratchboards.

Trimester Minor Block
Credits: ½ Art

Drawing II

Students in this course will further their ability and understanding of 2D art. Students will explore a variety of drawing projects. They will develop a strong sense of design through decision-making and problem-solving projects that may include media such as graphite and charcoal. The

subjects considered and studied for this course are life, landscape, and abstraction.

*Prerequisite: Drawing I, or students may also submit a portfolio
Trimester Minor Block
Credits: ½ Art/Music

Painting I

Students will work with watercolors, acrylic paints, and mixed media to grasp a basic understanding of the art world and the art-making process. Students will explore projects that are designed to develop artistic abilities, provide art awareness, understand aesthetics, and instill an appreciation for both art history and art-making. Projects are focused on pastels, watercolors and acrylic paints, as well as oil bars.

Trimester Minor Block
Credits: ½ Art

Painting II

Students in this course will further their ability and understanding of 2D art. Students will explore a variety of painting projects. They will develop a strong sense of design through decision-making and problem-solving projects. They will work on developing their painting skills and techniques using acrylic and watercolor paints, pastels, oil bars, and scratchboards. The subjects considered and studied for this course are life, landscape, and abstraction.

*Prerequisite: Painting I, or students may also submit a portfolio
Trimester Minor Block
Credits: ½ Art

Piano

This course is for those students interested in learning to play piano or developing their existing skills. This will be a mixed-level class and will emphasize piano skills and techniques. There are school pianos and

keyboards available to use. Musicians will be encouraged to perform their materials at school events throughout the year.

Trimester Minor Block
Credits: ½ Art

Guitar

This course is for those students interested in learning to play guitar or honing existing skills. This will be a mixed-level class. There are school-owned guitars available to borrow. Musicians will be encouraged to perform their materials at school events throughout the year.

Trimester Minor Block
Credits: ½ Art

Percussion

This elective course is for those students interested in learning to play percussion instruments and will emphasize percussion skills and techniques. There is a school-owned drum set and other percussion instruments available to borrow. Musicians will be encouraged to perform their materials at school events throughout the year.

Trimester Minor Block
Credits: ½ Art

Vocal Instruction

This elective course is for those students interested in singing. Students will explore a wide variety of musical genres. Vocalists will be encouraged to sing in Chapel Eucharist and at school events throughout the year.

Trimester Minor Block
Credits: ½ Art

Instrumental Music

This course is for students interested in learning to play an instrument or develop their skills in percussion, woodwinds, brass, or string instruments. There is a school-owned drum set and other percussion instruments available to borrow. Students must provide other instrument(s). Musicians will be encouraged to perform at school events throughout the year.

Trimester Minor Block
Credits: ½ Art

English

Cores

Humanities 1.1, Democracy in Ancient Greece and the United States

In this engaging humanities course, students will embark on a comparative journey through time, exploring the foundations and evolution of democracy in Ancient Greece and the United States. Through a blend of historical analysis, philosophical inquiry, and critical thinking, students will develop a deep understanding of the enduring principles of democracy and their impact on society. By studying primary and secondary sources, engaging in thoughtful discussions, and undertaking research projects, students will gain insight into the democratic systems that have shaped our world. This course aims to empower students to become active and informed citizens who can critically evaluate the complexities of democracy in both historical and contemporary contexts.

Trimester Major Block
Credits: ½ English & ½ History (US History)
Cross-Listed

Humanities 1.2, Republicanism in the Roman Republic and the United States

In this engaging and thought-provoking humanities course, students will delve into the concept of republicanism through a comparative study of the Roman Republic and the United States. Students will analyze the principles, development, and challenges of republican systems of government. Through in-depth examinations of historical contexts, primary source readings, and stimulating class discussions, students will gain a comprehensive understanding of the foundations and significance of republicanism. From the intricate workings of the Roman Republic to the intricate

design of the U.S. political system, students will examine the core principles, structures, and enduring lessons of republicanism. This course offers a unique opportunity to explore the historical and philosophical roots of republicanism, fostering critical thinking and a deeper appreciation for the enduring legacy of this political ideology.

Trimester Major Block
Credits: ½ English & ½ History (US History)
Cross-Listed

Humanities 2.1, Truth, Memory, and Meaning: Finding Purpose Through Personal Storytelling

Everyone has a story, and within every story there is a past filled with memory, emotion, and meaning. Unraveling these experiences can be a tricky undertaking. Through close readings of selected works and utilizing a writing-intensive workshop model, students will focus on originality, voice, style, and revision to create and develop a story uniquely their own. They will examine the mechanics and concepts of memoir through the lens of boyhood and community to gain a stronger understanding of how character and purpose are shaped and revealed, and how one impacts the other.

Trimester Major Block
Credits: ½ English & ½ History
Cross-Listed

Humanities 2.2, Trauma and The Healing Power of Words

With a focus on understanding the experiences of individuals affected by trauma, this course will offer valuable insights into the complexities of prolonged exposure to violence, displacement, and loss. Specifically, it will allow students to develop a foundational understanding of traumatic experience and its various manifestations. Through an

interdisciplinary approach, students will delve into the psychological theories and frameworks used to analyze and interpret the impact of trauma on the human condition. Students will read and investigate selected works of combat veterans and survivors of other traumatic experiences to gain an understanding of how the written word informs and promotes the healing and recovery process. Where HUMS 2.1 dealt with the personal narrative, HUM 2.2 will challenge students to tell someone else's story. Through a series of first-hand interviews, students will develop and write a profile article on a survivor of their choice as means to grow and guide empathy, and better understand the impact of trauma on individuals and communities.

Trimester Major Block
Credits: ½ English & ½ History
Cross-Listed

Humanities 2.3, You've Got Mail: Is There Still Power in the Pen?

This course explores the craft of letter-writing. Fourth Form students will delve into the world of letters, from personal to persuasive communication, as a platform to develop essential skills in effective expression, empathy, and connection. Through explorations of diverse letter types, an investigation into the indelible mark letters have made on history, and a portfolio born of their own correspondences, students will unlock the power of written word and ultimately decide for themselves: is letter-writing truly a dead art?

Trimester Major Block
Credits: ½ English & ½ History
Cross-Listed

Majors

AIE Critical Speeches and Documents of North American History

Speeches and historical documents have the potential to shift perspectives at an individual level, or to a much broader

extent, create greater change. Listening intently to the speakers' tone or analyzing each and every word of a vital document can provide clues and insight into the real intent the author had in mind. As students read and listen, they will assess, critique, and collaborate to gain a deeper understanding of how these words have moved the nations of North America. Additionally, they will be seeking out how they can improve on their own public speaking skills within the community.

Trimester Major Block
Credits: ½ English & ½ History
Cross-Listed

AIE Social Marginalization

Community building relies on the inclusion of all its members. These community-building efforts become hindered through the act of social marginalization, as access to fundamental services and opportunities is limited. As students work to join and grow their own community at South Kent School, they simultaneously explore the phenomenon of social marginalization in the classroom through text and film and apply lessons from America's past to inform their thoughts, words, and actions in the present.

Trimester Major Block
Credits: ½ English & ½ History
Cross-Listed

AIE Psychology of Resilience

Young people experience trials and tribulations in their daily lives. Understanding the impact of these experiences as well as the environments and relationships that will empower them to adapt is a crucial step in adolescent development. As students are challenged outside the classroom through athletic and community life activities, they simultaneously analyze the burgeoning field of resilience studies through psychological case studies and fictional character analysis in text, audio drama, and documentary

mediums. Students apply lessons to their own life, aiding in the development of adaptive behavior in response to the rigorous and rapidly changing world around them.

Trimester Major Block
Credits: ½ English & ½ History
Cross-Listed

AIE Seeking Justice

Justice in America, a cornerstone of American society, is not without controversy. Justice has not been equally applied to all Americans, with discrepancies that stem from erroneous biases. A moment of reckoning is at hand, and students are keenly aware of this disruption in the status quo but may not fully comprehend the context or impact. To address this, students will analyze the historical context of injustice through the reading of texts that retell the stories of wrongfully accused Americans and participate in dialogue surrounding current events. In understanding the past, students will gain a deeper understanding of why things are happening in the present and what direction we, as a society, might need to take for the future.

Trimester Major Block
Credits: ½ English & ½ History (US History)
Cross-Listed

AIE Race in America

The story of race in America is not just about physical appearance; it is about how people assign meaning and value to physical appearance. Students explore competing ideas about race as they have evolved in the United States from the colonial period to the present through reading the text and engaging in dialogue about the individuals who write about, embody, and act on them. Throughout the course, students will develop a clearer understanding of the causal nature of experiences and social narratives on individual development. Students will apply this to the creation of

their own autobiography centered around their personal family history or important events in their lives, not necessarily surrounding race, that has shaped who they are today and who they hope to become after graduating from South Kent School.

Trimester Major Block
Credits: ½ English & ½ History (US History)
Cross-Listed

AIE Exploring Artificial Intelligence

The course "Exploring Artificial Intelligence" offers an exciting journey into the rapidly evolving field of AI, where students will delve into the foundations, applications, and ethical considerations of this transformative technology. Through a combination of theoretical concepts, practical exercises, and engaging discussions, students will gain a comprehensive understanding of artificial intelligence and its impact on various aspects of society. The primary objective of this course is to introduce students to the fundamental principles and methodologies that underpin AI systems. Students will explore the history of AI, the different types of AI algorithms, and the key components that enable machines to exhibit intelligent behaviors. Moreover, they will examine real-world applications of AI across industries such as healthcare, transportation, finance, and entertainment.

Trimester Major Block
Credits: ½ English & ½ History
Cross-Listed

SUPA Writing Culture, Introduction to Creative Nonfiction (WRT 114):

Creative nonfiction (CNF) is 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. Students will have the freedom to explore a wide range of topics and experiment broadly with voice, style, form, and the use of research to enrich their writing.

Trimester Major Block
Credits: 1 SKS English, 3 Units

SUPA Studio I, Practices of Academic Writing (WRT 105): Students will join a small collaborative community that fosters each member's development—as critical thinkers, readers, and, of course, writers. Each group will explore various genres of academic writing and read texts from across the disciplines on select topics, such as the role of public spaces or the politics of cultural dissent. Students will learn concrete analytical and rhetorical writing strategies, how to develop effective claims and original insights of their own, and how to communicate those ideas to diverse audiences. Students should expect to be challenged to become more self-directed and reflective readers, thinkers, and writers.

Trimester Major Block
Credits: 1 SKS English, 3 College Units

Minors

Creative Writing Workshop

This course is for those interested in pursuing and publishing their work. It will provide students with the opportunity to develop their writing skills, style, and technique in a supportive and collaborative environment. Students will study a range of texts from established writers and will engage in exercises designed to help them generate new material and hone their craft. They will workshop their own writing with peers and receive feedback from the instructor. By the end of the course, students will have developed a significant written portfolio, one that will not only better prepare them for coursework at the next level, but that will be polished and

ready for submission to academic contests and journals for publication.

Trimester Minor Block
Credits: ½ English

Shakespeare

Students will be introduced to the works of William Shakespeare, one of the most important and influential writers in the English language. Drawing from a selection of Shakespeare's plays, sonnets, and poems, this course will explore themes of love, power, fate, identity, and free will. Through close readings and critical analysis, students will examine the enduring relevance of Shakespearean themes and motifs in contemporary society, and his ongoing impact on literature, theater, and culture.

Trimester Minor Block
Credits: ½ English

Microfiction: The Art of Brevity

Microfiction will focus on the craft of writing very short stories, often no more than a few hundred words in length. Students will learn to build compelling narratives that capture the reader's attention, create complex characters, and evoke powerful emotions in a concise format. Through close readings and writing exercises, students will gain an understanding of the unique demands and possibilities of this form, and will leave the course with a portfolio of original flash fiction pieces.

Trimester Minor Block
Credits: ½ English

Literature of War

Through in-depth analysis of selected works, students will examine the different ways in which warfare is represented across literary genres. They will develop a critical and historical understanding of the role of war in shaping the human experience. The course will provide a platform to critically engage with themes such as the nature of violence, the human condition in times of

conflict, the ethics of warfare, the role of propaganda, the loss of innocence, and the quest for meaning amid chaos.

Trimester Minor Block
Credits: ½ English

The Literature of Boarding Schools

In this class, students will read and analyze a variety of short stories and novels set in boarding schools in order to consider the common themes of that genre of literature--character, power, love, friendship, and the coming of age. Works for consideration in the class will include "So Much Unfairness of Things" (by CDB Bryan), "The Palace Thief" (by Ethan Canin), *A Separate Peace* (by John Knowles), *Looking for Alaska* (by John Greene), and *The Rector of Justin* (by Louis Auchincloss). When applicable, some consideration will be given to film adaptation of the works. Through this course of study, students will develop their skills in reading, analysis, composition, and presentation.

Trimester Minor Block
Credits: ½ English

Science Fiction and Society

Exploring the Impact of Imagined Futures: Science fiction, whether we realize it or not, has had a profound impact on modern society. Through a captivating blend of classic and contemporary literature, television, movies, and non-fiction, students embark on an exploration of the themes, ideas, and historical contexts that have shaped this genre. By critically analyzing the impact of science fiction, students will develop essential skills in critical thinking, creativity, communication, research, collaboration, digital literacy, and empathy. From the ethics of artificial intelligence to the representation of diverse identities, students will navigate the dynamic intersections between science fiction and the ever-evolving complexities of our world, culminating in a capstone project that

showcases their comprehensive understanding and imaginative perspectives on the potential of science fiction.

Trimester Minor Block
Credits: ½ English

Contemporary Literature and the Human Condition

In this engaging humanities course, students will delve into the depths of contemporary literature to explore the intricacies of the human condition. Through the careful analysis of novels, short stories, and poetry, students will embark on a journey of self-discovery, unravel the complexities of power and oppression, examine the dynamics of love and relationships, and confront challenging ethical and moral questions. By closely examining how literature reflects and comments on society, culture, and human existence, students will develop critical thinking, close reading, and communication skills. Through engaging discussions, written assignments, and a culminating multimedia project, students will gain a profound understanding of the human condition as depicted in contemporary literature.

Trimester Minor Block
Credits: ½ English

Exploring Power Through Fiction

Students will delve into the concept of power as it is depicted and explored in contemporary fiction. Through a variety of engaging texts, students will analyze and interpret the multifaceted nature of power, examining how it influences individuals, societies, and the course of events. Students will explore the capacity to direct or influence others, critically examining the dynamics, consequences, and ethical considerations inherent in power relationships. The course will foster critical thinking, communication skills, and a deeper understanding of power dynamics in the modern world.

Trimester Minor Block

Credits: 1/2 English

Public Speaking

Begin to unlock the power of effective communication in this course. Through a combination of theory, practice, and personalized feedback, students will develop the essential skills and techniques necessary to deliver compelling speeches with confidence and impact. Participants will learn the fundamentals of public speaking, including speech organization, vocal delivery, body language, and persuasive techniques. They will explore different types of speeches, such as informative, persuasive, and formal, and develop strategies to tailor their message to diverse audiences. In a supportive and interactive environment, students will engage in regular speaking exercises, impromptu speeches, and formal presentations. They will receive constructive feedback from both instructors and peers, enabling them to refine their speaking style, enhance their presence, and master the art of connecting with an audience.

Trimester Minor Block

Credits: 1/2 English

Future Literacies

Majors

AIE JAVA Programing

In this course students will learn how to design and implement computer programs to aid in a variety of projects. While this course uses the JAVA language as its syntax and will be using eclipse as a coding platform, the ideas, concepts and skills discussed in the course will be applicable to many other coding languages. Ideally students in JAVA programming will have completed the elective Introduction to Computer Science course, but previous coding experience and department approval is an adequate prerequisite for this course.

*Prerequisite: Introduction to Computer Science or previous coding experience with department approval (prereq) and PreCalculus (Coreq)

Trimester Major Block

Credits: ½ Math & ½ Science

Cross-Listed

AIE Exploring Artificial Intelligence

The course "Exploring Artificial Intelligence" offers an exciting journey into the rapidly evolving field of AI, where students will delve into the foundations, applications, and ethical considerations of this transformative technology. Through a combination of theoretical concepts, practical exercises, and engaging discussions, students will gain a comprehensive understanding of artificial intelligence and its impact on various aspects of society. The primary objective of this course is to introduce students to the fundamental principles and methodologies that underpin AI systems. Students will explore the history of AI, the different types of AI algorithms, and the key components that enable machines to exhibit intelligent behaviors. Moreover, they will examine real-world applications of AI across

industries such as healthcare, transportation, finance, and entertainment.

Trimester Major Block

Credits: ½ English & ½ History

Cross-Listed

SUPA Economic Ideas and Issues (ECN 203):

Economic Ideas and Issues is an introduction to mainstream economic thought designed for students with a liberal arts interest. The goals of this course are to introduce students to the ideas that form the foundation of modern Western (neoclassical) economic thought, to examine the basic framework (the model) that economists have built on this foundation, and to show how this model is applied to current issues facing individuals and society. The course helps students to understand and recognize the elements of economic theory, to identify the peculiar roles of these elements, and to understand how they fit together. Furthermore, Economics 203 is designed to help students understand "how the world works."

Trimester Major Block

Credits: 1 SKS History, 3 College Units

Cross-Listed

SUPA The Economics of Personal Finance (ECN 305):

This course is an introduction to personal finance. It covers essential aspects of household personal finance, including record keeping, budgeting, banking, saving, credit, loans, investing, insurance, taxes, and retirement planning. Students will learn important institutional facts about different types of bank deposits; mutual funds; bonds, including US Savings Bonds; stock; loans, including credit cards and fixed and adjustable rate mortgages; retirement accounts, such as Individual Retirement

Accounts and 401 (k) plans; tax deductions and credits; and aspects of health, property, and life insurance. Coverage of this institutional personal finance material will be framed within basic fundamentals of economic and financial analysis.

Trimester Major Block
Credits: 1 SKS History, 3 College Units
Cross-Listed

Minors

Introduction to Computer Science

This is an introductory course to computer programming. We will be learning about the computer language JAVA and how to make basic programs using the Eclipse platform. Students who successfully complete this course will be well prepared for the full term JAVA programming course.

Trimester Minor Block
Credits: ½ Math
Cross-Listed

Introduction to Engineering

Intro 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 already in use throughout the STEM department.

Trimester Minor Block
Credits: ½ Math
Cross-Listed

Technical Drawing I

This is a base course for all students interested in technical and computer based drawing. Students will start with learning the basic elements of technical drawing and

completing a series of drawings by hand. This unique skill serves as an anchoring point for the further application of drawing concepts and as a diversifying skill that will give them an edge in college and beyond. Students will then progress through a series of learning modules to introduce them to AutoDesk AutoCAD. The class will finish out with a final project where students recreate the hand drawn documents in AutoCAD, creating a Capstone portfolio that demonstrates drawings skills both in and out of the digital realm.

Trimester Minor Block
Credits: ½ Science
Cross-Listed

Open Robotics Lab

Open Robotics Lab is a creative exploration course for students interested in Robotics. Using some of the top educational robotics formats, students will be able to explore construction, mechanics and using code in a self-paced open environment. This course will serve students of all understanding of robotics.

Trimester Minor Block
Credits: ½ Science (Lab)
Cross-Listed

Modeling Financial Forecasts

The course "Modeling Financial Forecasts" offers students an in-depth exploration of the principles, tools, and techniques used to create accurate and reliable financial forecasts. Through a combination of theoretical concepts, real-world case studies, and hands-on projects, students will develop the skills necessary to analyze financial data, make informed predictions, and effectively communicate their findings. The primary objective of this course is to equip students with the knowledge and practical skills required to navigate the complex world of financial forecasting. Students will learn various modeling techniques and apply them to analyze and

predict financial outcomes for businesses, investment portfolios, and economic trends.

Trimester Minor Block

Credits: ½ History

Cross-Listed

“Too Big to Fail”: Financial Instability, Economic Downturn, and Government Intervention in the United States

In this course, students will explore the intricacies of financial crises, government intervention, and the current economic climate in the United States. Through a chronological examination of historical events such as the Panic of 1837, the Great Depression, the Savings and Loans Crisis, the Dot-com Bubble, and the 2008 financial crisis, students will develop a deep understanding of the causes, consequences, and policy responses to economic downturns. Drawing on this knowledge, students will engage in a capstone project, where they will analyze the current economic challenges, propose innovative policies, and present their recommendations for addressing pressing issues such as income inequality, automation, climate change, or global trade imbalances.

Trimester Minor Block

Credits: ½ History (US History)

Cross-Listed

Future of Education: Empowering Students in an AI World

Prepare for a transformative journey into the future of education, where artificial intelligence (AI) reshapes the student experience. In this dynamic course, designed specifically for high school students, we will explore how AI technologies are revolutionizing the way students learn, engage, and thrive in educational environments. Through thought-provoking discussions, hands-on activities, and real-world examples, you will investigate the role of AI in personalized

learning, adaptive assessments, and intelligent virtual mentors. Delve into the ethical considerations of AI implementation, including data privacy and algorithmic transparency, and explore how AI can enhance equity, accessibility, and inclusivity in education. Engage in interactive projects where you will design AI-powered learning tools and explore innovative solutions to foster a student-centered future in the era of AI. Join us as we embark on an exciting exploration of the future of education, empowering you to shape your own educational journey in an AI-driven world.

Trimester Minor Block

Credits: ½ History

Cross-Listed

Statistics of Moneyball: Sports Data and Analytics

In this course focused on the development of sports teams, students will learn about the principles and techniques of sports analytics, focusing on how data can be leveraged to gain a competitive edge in sports. The course will cover topics such as statistical modeling, data collection and analysis, player evaluation metrics, performance analysis, and team management strategies. This is an advanced course that applies the principles of Moneyball, a data-driven approach to sports analytics, to the management and performance prediction of sports teams. The capstone project provides students with an opportunity to apply their knowledge of statistical analysis, player evaluation, and strategic decision-making in the context of proposing their plan for rebuilding a sports team of their choosing.

Trimester Minor Block

Credits: ½ Math

Cross-Listed

Introduction to Finance

The goal of Introduction to Finance is to help students to become financially

responsible and economically knowledgeable members of society. We all make economic decisions every day of our lives. Many of those decisions have lasting impact that we may fail to see. The course's primary goal is to provide students with some financial literacy and appropriate economic understanding that will enable students to build the life they want. To reach that end, this course develops student understanding and skills in such areas as money management, budgeting, financial goal attainment, the wise use of credit, insurance, investments, and consumer rights and responsibilities, and economic decision making.

Trimester Minor Block

Credits: ½ Math

Cross-Listed

History

Cores

Humanities 1.1, Democracy in Ancient Greece and the United States

In this engaging humanities course, students will embark on a comparative journey through time, exploring the foundations and evolution of democracy in Ancient Greece and the United States. Through a blend of historical analysis, philosophical inquiry, and critical thinking, students will develop a deep understanding of the enduring principles of democracy and their impact on society. By studying primary and secondary sources, engaging in thoughtful discussions, and undertaking research projects, students will gain insight into the democratic systems that have shaped our world. This course aims to empower students to become active and informed citizens who can critically evaluate the complexities of democracy in both historical and contemporary contexts.

Trimester Major Block
Credits: ½ English & ½ History (US History)
Cross-Listed

Humanities 1.2, Republicanism in the Roman Republic and the United States

In this engaging and thought-provoking humanities course, students will delve into the concept of republicanism through a comparative study of the Roman Republic and the United States. Students will analyze the principles, development, and challenges of republican systems of government. Through in-depth examinations of historical contexts, primary source readings, and stimulating class discussions, students will gain a comprehensive understanding of the foundations and significance of republicanism. From the intricate workings of the Roman Republic to the intricate

design of the U.S. political system, students will examine the core principles, structures, and enduring lessons of republicanism. This course offers a unique opportunity to explore the historical and philosophical roots of republicanism, fostering critical thinking and a deeper appreciation for the enduring legacy of this political ideology.

Trimester Major Block
Credits: ½ English & ½ History (US History)
Cross-Listed

Humanities 2.1, Truth, Memory, and Meaning: Finding Purpose Through Personal Storytelling

Everyone has a story, and within every story there is a past filled with memory, emotion, and meaning. Unraveling these experiences can be a tricky undertaking. Through close readings of selected works and utilizing a writing-intensive workshop model, students will focus on originality, voice, style, and revision to create and develop a story uniquely their own. They will examine the mechanics and concepts of memoir through the lens of boyhood and community to gain a stronger understanding of how character and purpose are shaped and revealed, and how one impacts the other.

Trimester Major Block
Credits: ½ English & ½ History
Cross-Listed

Humanities 2.2, Trauma and The Healing Power of Words

With a focus on understanding the experiences of individuals affected by trauma, this course will offer valuable insights into the complexities of prolonged exposure to violence, displacement, and loss. Specifically, it will allow students to develop a foundational understanding of traumatic experience and its various manifestations. Through an

interdisciplinary approach, students will delve into the psychological theories and frameworks used to analyze and interpret the impact of trauma on the human condition. Students will read and investigate selected works of combat veterans and survivors of other traumatic experiences to gain an understanding of how the written word informs and promotes the healing and recovery process. Where HUMS 2.1 dealt with the personal narrative, HUM 2.2 will challenge students to tell someone else's story. Through a series of first-hand interviews, students will develop and write a profile article on a survivor of their choice as means to grow and guide empathy, and better understand the impact of trauma on individuals and communities.

Trimester Major Block
Credits: ½ English & ½ History
Cross-Listed

Humanities 2.3, You've Got Mail: Is There Still Power in the Pen?

This course explores the craft of letter-writing. Fourth Form students will delve into the world of letters, from personal to persuasive communication, as a platform to develop essential skills in effective expression, empathy, and connection. Through explorations of diverse letter types, an investigation into the indelible mark letters have made on history, and a portfolio born of their own correspondences, students will unlock the power of written word and ultimately decide for themselves: is letter-writing truly a dead art?

Trimester Major Block
Credits: ½ English & ½ History
Cross-Listed

Majors

AIE Critical Speeches and Documents of North American History

Speeches and historical documents have the potential to shift perspectives at an individual level, or to a much broader

extent, create greater change. Listening intently to the speakers' tone or analyzing each and every word of a vital document can provide clues and insight into the real intent the author had in mind. As students read and listen, they will assess, critique, and collaborate to gain a deeper understanding of how these words have moved the nations of North America. Additionally, they will be seeking out how they can improve on their own public speaking skills within the community.

Trimester Major Block
Credits: ½ English & ½ History
Cross-Listed

AIE Social Marginalization

Community building relies on the inclusion of all its members. These community-building efforts become hindered through the act of social marginalization, as access to fundamental services and opportunities is limited. As students work to join and grow their own community at South Kent School, they simultaneously explore the phenomenon of social marginalization in the classroom through text and film and apply lessons from America's past to inform their thoughts, words, and actions in the present.

Trimester Major Block
Credits: ½ English & ½ History
Cross-Listed

AIE Psychology of Resilience

Young people experience trials and tribulations in their daily lives. Understanding the impact of these experiences as well as the environments and relationships that will empower them to adapt is a crucial step in adolescent development. As students are challenged outside the classroom through athletic and community life activities, they simultaneously analyze the burgeoning field of resilience studies through psychological case studies and fictional character analysis in text, audio drama, and documentary

mediums. Students apply lessons to their own life, aiding in the development of adaptive behavior in response to the rigorous and rapidly changing world around them.

Trimester Major Block
Credits: ½ English & ½ History
Cross-Listed

AIE Seeking Justice

Justice in America, a cornerstone of American society, is not without controversy. Justice has not been equally applied to all Americans, with discrepancies that stem from erroneous biases. A moment of reckoning is at hand, and students are keenly aware of this disruption in the status quo but may not fully comprehend the context or impact. To address this, students will analyze the historical context of injustice through the reading of texts that retell the stories of wrongfully accused Americans and participate in dialogue surrounding current events. In understanding the past, students will gain a deeper understanding of why things are happening in the present and what direction we, as a society, might need to take for the future.

Trimester Major Block
Credits: ½ English & ½ History (US History)
Cross-Listed

AIE Race in America

The story of race in America is not just about physical appearance; it is about how people assign meaning and value to physical appearance. Students explore competing ideas about race as they have evolved in the United States from the colonial period to the present through reading the text and engaging in dialogue about the individuals who write about, embody, and act on them. Throughout the course, students will develop a clearer understanding of the causal nature of experiences and social narratives on individual development. Students will apply this to the creation of

their own autobiography centered around their personal family history or important events in their lives, not necessarily surrounding race, that has shaped who they are today and who they hope to become after graduating from South Kent School.

Trimester Major Block
Credits: ½ English & ½ History (US History)
Cross-Listed

AIE Environmental Science and History: Exploring the Past and Shaping the Future

This interdisciplinary course offers a unique exploration of the dynamic relationship between environmental science and history, providing students with a comprehensive understanding of how human societies have shaped and been shaped by the natural world. By combining insights from the fields of environmental science and historical analysis, students will delve into the complex interactions between nature and culture throughout different time periods. Through engaging lectures, interactive discussions, and hands-on activities, students will gain a deep appreciation for the intricate interplay between environmental factors and human activities. Students will understand the events that helped to shape modern environmental policy in the United States and internationally. Students will complete a capstone project providing suggestions on how to improve an environmental problem at South Kent School or in the local community.

Trimester Major Block
Credits: ½ Science (Lab) & ½ History
Cross-Listed

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

In an effort 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.

Trimester Major Block
Credits: 1 SKS History (US History), 3 College
Units

SUPA Introduction to African American Studies (AAS 112):

The course introduces central themes that comprise the interdisciplinary subject of African American Studies. Also referred to as Africana Studies, African Diaspora Studies, or African and African American Studies, the field places the study of North Americans of African descent in a broader context that considers connections to the African continent and to other people of the African Diaspora. This framework enables students to explore common and divergent experiences and identities among varied Black populations.

Trimester Major Block
Credits: 1 SKS History (US History), 3 College Units

SUPA Introduction to Entrepreneurship (EEE 370):

Entrepreneurs start with an idea. What's yours? EEE 370 will show you the historical role entrepreneurs have played in the development of the global economy. Plus, you'll look at the organizational changes that take place as a company evolves from start-up to grown-up. (Warning: this course may stir your innovative, risk-taking side. Although once you understand the personality traits and attitudes common to self-starters, you may opt for more traditional employment!)

Trimester Major Block
Credits: 1 SKS History, 3 College Units
Cross-Listed

SUPA Economic Ideas and Issues (ECN 203):

Economic Ideas and Issues is an introduction to mainstream economic thought designed for students with a liberal arts interest. The goals of this course are to introduce students to the ideas that form the foundation of modern Western (neoclassical) economic thought, to examine the basic framework (the model) that economists have built on this foundation, and to show how this model is applied to current issues facing individuals and society. The course helps students to understand and recognize the elements of economic theory, to identify the peculiar roles of these elements, and to understand how they fit together. Furthermore, Economics 203 is designed to help students understand "how the world works."

Trimester Major Block
Credits: 1 SKS History, 3 College Units
Cross-Listed

SUPA The Economics of Personal Finance (ECN 305):

This course is an introduction to personal finance. It covers essential aspects of household personal finance, including record keeping, budgeting, banking, saving, credit, loans, investing, insurance, taxes, and retirement planning. Students will learn important institutional facts about different types of bank deposits; mutual funds; bonds, including US Savings Bonds; stock; loans, including credit cards and fixed and adjustable rate mortgages; retirement accounts, such as Individual Retirement Accounts and 401 (k) plans; tax deductions and credits; and aspects of health, property, and life insurance. Coverage of this institutional personal finance material will be framed within basic fundamentals of economic and financial analysis.

Trimester Major Block
Credits: 1 SKS History, 3 College Units
Cross-Listed

Minors

The European Super League Controversy: Unveiling the Clash of Football's (Soccer's) Titans

In this course, we delve into one of the most captivating and contentious chapters in the history of European football: the European Super League (ESL) controversy. Through an exploration of its establishment, impact, and ultimate collapse, we examine the multifaceted dimensions of this seismic event. Delving into the historical context of European football and the motivations behind the ESL's formation, we analyze the immediate backlash from fans, players, clubs, governing bodies, and governments. We critically evaluate the sociocultural, economic, and legal implications of the proposed league, considering the potential ramifications for domestic leagues, grassroots football, and fan culture. Through case studies, comparative analyses, and discussions on the power of fan activism, we uncover the lessons learned and explore the future of European football in the aftermath of this groundbreaking controversy.

Trimester Minor Block
Credits: ½ History

Theology for Community

In this seminar-based course we will discuss how Christian communities have come to know God through living together ~in Community~. We will begin with the creation stories in Genesis and continue to look at other texts in Sacred Scripture. We will also use short excerpts from the works of St. Augustine, and conclude the course with either C.S. Lewis' *Screwtape Letters* or *The Great Divorce*.

Trimester Minor Block
Credits: ½ History

Race in Sports

Students will delve into how sports in America are a microcosm of society. Further, we will examine societal influences that led to segregation and stereotypes that hindered the growth of athletics. Lastly, we will analyze how sports were desegregated, but we will explore and evaluate sports' role in American society.

Trimester Minor Block
Credits: ½ History

American Studies through Political Cartoons

Satire, symbolism, and visual rhetoric are cornerstones of American Studies. Students will examine caricatures and evaluate perspective and intent vs. impact throughout American history due to political cartoons. Further, we will analyze what satire, symbolism, and rhetoric are through the context of American history.

Trimester Minor Block
Credits: ½ History (US History)

American Influence

America's role as a superpower is a loaded term. Through the course, students will examine, evaluate, and analyze American influence through economics, politics, technology, and culture. What is America's impact on its citizens and global citizens?

Trimester Minor Block
Credits: ½ History (US History)

“Too Big to Fail”: Financial Instability, Economic Downturn, and Government Intervention in the United States

In this course, students will explore the intricacies of financial crises, government intervention, and the current economic climate in the United States. Through a chronological examination of historical events such as the Panic of 1837, the Great Depression, the Savings and Loans Crisis, the Dot-com Bubble, and the 2008 financial crisis, students will develop a deep understanding of the causes, consequences,

and policy responses to economic downturns. Drawing on this knowledge, students will engage in a capstone project, where they will analyze the current economic challenges, propose innovative policies, and present their recommendations for addressing pressing issues such as income inequality, automation, climate change, or global trade imbalances.

Trimester Minor Block
Credits: ½ History (US History)
Cross-Listed

Examining Geopolitical Decisions in American History

The course "Examining Geopolitical Decisions" offers an in-depth exploration of the complex world of international relations and the decision-making processes that shape global politics. Throughout the course, students will critically analyze key geopolitical decisions made by nation-states, international organizations, and influential actors, and examine their far-reaching consequences on societies, economies, and the world order.

Trimester Minor Block
Credits: ½ History (US History)

Modeling Financial Forecasts

The course "Modeling Financial Forecasts" offers students an in-depth exploration of the principles, tools, and techniques used to create accurate and reliable financial forecasts. Through a combination of theoretical concepts, real-world case studies, and hands-on projects, students will develop the skills necessary to analyze financial data, make informed predictions, and effectively communicate their findings. The primary objective of this course is to equip students with the knowledge and practical skills required to navigate the complex world of financial forecasting. Students will learn various modeling techniques and apply them to analyze and

predict financial outcomes for businesses, investment portfolios, and economic trends.

Trimester Minor Block
Credits: ½ History
Cross-Listed

These Truths

These Truths: A History of the United States by Jill Lepore will be the guiding text for this course. The driving prompt posed by Lepore will lead the class, "A nation born in contradiction will fight forever over the meaning of its history," Lepore writes, but engaging in that struggle by studying the past is part of the work of citizenship. "The past is an inheritance, a gift and a burden," *These Truths* observes. "It can't be shirked. There's nothing for it but to get to know it."

Trimester Minor Block
Credits: ½ History (US History)

Future of Education: Empowering Students in an AI World

Prepare for a transformative journey into the future of education, where artificial intelligence (AI) reshapes the student experience. In this dynamic course, designed specifically for high school students, we will explore how AI technologies are revolutionizing the way students learn, engage, and thrive in educational environments. Through thought-provoking discussions, hands-on activities, and real-world examples, you will investigate the role of AI in personalized learning, adaptive assessments, and intelligent virtual mentors. Delve into the ethical considerations of AI implementation, including data privacy and algorithmic transparency, and explore how AI can enhance equity, accessibility, and inclusivity in education. Engage in interactive projects where you will design AI-powered learning tools and explore innovative solutions to foster a student-centered future in the era of AI. Join us as we embark on an exciting exploration of the future of education,

empowering you to shape your own educational journey in an AI-driven world.

Trimester Minor Block

Credits: ½ History

Cross-Listed

Stamped

Dr. Ibram Kendi's *Stamped From the Beginning* will be the guiding text for this course. The class will take a critical lens to the development of the country. We will evaluate segregationists, assimilationists, and anti-racists and their views and the impact they had/have on the United States.

Trimester Minor Block

Credits: ½ History (US History)

Current Events

Stay informed and engaged with the dynamic landscape of global affairs in this thought-provoking current events class. Through a combination of critical analysis, lively discussions, and multimedia resources, students will develop a deeper understanding of current events and their global implications. With a focus on objectivity and multiple perspectives, participants will examine diverse sources of news and learn to distinguish reliable information from bias and misinformation. They will explore the interconnectedness of global events and the complex factors that influence them, including historical context, cultural dynamics, and power structures. At the completion of this course students will construct a research paper on a current event that most interests them.

Trimester Minor Block

Credits: ½ History

World Languages

Language Credit Allocation

While **South Kent School requires 2 Language credits for graduation**, we strongly advise all students to study a language beyond the minimum graduation requirement in order to be fully prepared for college-level studies.

Language Lab:

South Kent School offers Language Lab for a wide range of language studies through an online platform in multiple languages and multiple levels. Through the Mango platform, students are offered a fully developed online course. Their progress is monitored with weekly goals, and weekly reports are provided. They may choose from the following languages:

Yearlong Minor Block		
Credits: 1 Language		
Arabic	French	Italian
Chinese (Mandarin)	German	Japanese
Portuguese	Russian	

Spanish I:

The objective of this course is to introduce students to Spanish culture and language by reading, writing, speaking, and listening to Spanish. Students will learn to understand and respond to simple questions, commands, and sentences as well as read and comprehend simple texts. The course covers basic grammar and introduces cultural material related to the Spanish-speaking world.

Yearlong Minor Block
Credits: 1 Language

Spanish II:

This course emphasizes the spoken word, more use of the present tense of regular and

irregular verbs, and some practice of the preterit and imperfect tenses. Dialogues and discussions will help improve general comprehension and communication skills. The class continues to emphasize cultural awareness.

*Prerequisite: Spanish I or by placement
Yearlong Minor Block
Credits: 1 Language

Spanish III:

This course is designed for intermediate students. It is a transition course between the elementary levels of Spanish I and II and the more advanced levels of Spanish 4 and AP Spanish. Handouts from the text *Enfoques* supplement the student's iPad textbook. Topics covered are the preterit and imperfect tenses, the future and conditional tenses, the present perfect and pluperfect tenses, and the present subjunctive tense. Non-verbal topics include interrogative words and direct and indirect object pronouns and their placement in relation to the verb. A variety of short readings increase the student's vocabulary. Once a week, students log in to their accounts and use the Rosetta Stone program to continue their sequential mastery of written and spoken Spanish.

*Prerequisite: Spanish II or by placement
Yearlong Minor Block
Credits: 1 Language

Spanish IV:

This course continues the work of Spanish III by reviewing the material presented in that course and introducing new material, such as expanding the uses of the present subjunctive to include indefinite antecedents and conjunctions, double object pronouns and their position in relation to

the verb, and the imperfect subjunctive and its uses in both past times and in conditional sentences. Selections from Enfoques supplement the student's iPad textbook. Once a week, students log in to their accounts and use the Rosetta Stone program to continue their sequential mastery of written and spoken Spanish.

*Prerequisite: Spanish III or by placement
Yearlong Minor Block
Credits: 1 Language

English as a Second Language (ESL)

English as a Second Language, a course directed at students who are learning English as their second language, is offered at three levels: **ESL I, II, and III**. Students take a **placement exam** at the beginning of each year. Based on their performance, South Kent places each student in the most appropriate section of ESL. These courses focus on speaking, listening, writing, and reading in English. In addition, part of the course instruction is designed to **support each student in their other courses**, including working on each student's writing, reviewing vocabulary words, discussing concepts, and reviewing readings.

Students will stay in ESL until benchmarks are reached that indicate their proficiency in understanding and using English as their primary language of communication. A minimum score of **450 on the verbal section of the SAT** or a score of **90 on the TOEFL iBT** will qualify a student to "graduate" from the ESL program.

Duolingo is an alternative platform to the TOEFL exam, and a score of 120 is equivalent to a 90 on the TOEFL.

Additionally, it is important to note that the ESL courses are not recognized by the NCAA for student-athlete eligibility.

ESL I

This course is designed to make sure the students are comfortable in their studies at

South Kent School. Grammar and reading comprehension skills are taught and practiced, and vocabulary and idioms are studied. Writing instruction progresses to more sophisticated paragraphs and multi-paragraph essays. The boys also practice public speaking in their classroom, both extemporaneously and with short, prepared speeches. Students practice test-taking skills and are encouraged to take notes on live lectures and videos to further develop their listening skills.

Yearlong Minor Block
Credits: 1 Language

ESL II

This course prepares students for college-level work with high school-level grammar instruction, vocabulary, and grade-appropriate reading assignments. Students practice writing five different five-paragraph essays. Test preparation for taking the TOEFL/Duolingo is a strong focus, including delivering longer speeches for the speaking sections and careful listening to lectures and conversations.

Yearlong Minor Block
Credits: 1 Language

ESL III

This course prepares students for an easy transition into college-level work by further developing the more sophisticated reading, writing, and vocabulary skills required at the senior high school level. Writing assignments include longer reports, creative writing, and speeches for various public occasions. Listening and note-taking continue to be important components of ESL III, with exposure to a variety of lectures, conversation occasions, and audio-visual materials followed by tests on content. Test preparation for taking the TOEFL/Duolingo is a strong focus throughout the year.

Yearlong Minor Block
Credits: 1 Language

Math

SKS Math Sequence

The **mathematics course sequence** offers a comprehensive and progressive curriculum designed to develop students' mathematical proficiency and problem-solving skills. Beginning with foundational courses, students build a solid mathematical framework and gradually advance to more specialized and rigorous topics. Through a combination of theoretical concepts, practical applications, and hands-on activities, students develop critical thinking abilities and mathematical fluency. This sequence equips students with a strong mathematical foundation to excel in higher education and real-world contexts.

Each student, at a minimum, must complete the study of mathematics through their junior year. While Foundations of Math I, Foundations of Math II, and either forms of Foundations of Math III are the required courses, if a student has achieved this level before their junior year, they will still be required to complete an additional math course. We strongly advise all students to study mathematics beyond the minimum graduation requirement in order to be fully prepared for college-level studies.

The **placement of students** in certain courses is determined through a process of transcript review and a math placement exam. Based on the evaluation of a student's academic records, including previous coursework, grades, and standardized test scores if applicable, in addition to the math placement exam, the appropriate course placement is determined. This process ensures that students are enrolled in courses that align with their current knowledge and skills in the subject area. The decision may also

involve consultation with relevant faculty members or departmental guidelines to ensure the best possible learning experience for each student.

Cores

Foundations of Mathematics I: Algebra and Geometry

Foundations of Mathematics: Algebra and Geometry is designed to provide students with a solid foundation in both algebraic and geometric concepts. Fundamental topics in algebra 1 incorporate a study of geometric principles. Through a combination of theoretical and logical explorations and problem-solving exercises, students will develop a strong understanding of these mathematical concepts and their applications in real-world scenarios. By the end of the course, students will possess a well-rounded knowledge of algebra and geometry, equipping them with essential mathematical skills for further studies and everyday life.

Yearlong Minor Block
Credits: 1 Math

Foundations of Mathematics II: Advanced Algebra and Geometry

Foundations of Mathematics: Advanced Algebra and Geometry aims to provide a strong foundation in both algebraic and geometric concepts. Through inquiry, practical examples and projects, and interactive exercises, students will develop a solid understanding of these mathematical concepts and their applications. Students would further enhance their problem-solving skills and gain a more profound understanding of mathematical principles. By the end of the course, students will have built a strong mathematical toolkit to excel in pre-calculus

and apply their skills in real-world scenarios.

*Prerequisite: Foundations I or by placement
Yearlong Minor Block
Credits: 1 Math

Foundations of Mathematics III: Precalculus

A detailed study of the mathematics needed for calculus. Concepts are presented and explored from symbolic, graphical, and numerical perspectives. Basic concepts covered include polynomial, rational, exponential, logarithmic, and trigonometric functions, complex numbers, linear systems, numerical patterns, sequences and series. The required preparation is Algebra 1 and Geometry, or an equivalent integrated course.

*Prerequisite: Foundations I & II or by placement
Yearlong Minor Block
Credits: 1 Math

Accelerated Foundations of Mathematics III: Algebra II & Precalculus

Accelerated Foundations of Mathematics III is an advanced mathematics course designed to provide a comprehensive and rigorous study of algebraic concepts, functions, and their applications. This course is intended for students who have demonstrated a strong foundation in algebra and wish to accelerate their learning in preparation for higher-level mathematics courses.

*Prerequisite: Foundations I with department approval or by placement
Yearlong Minor Block
Credits: 1 Math

Majors

AIE JAVA Programming

In this course students will learn how to design and implement computer programs to aid in a variety of projects. While this course uses the JAVA language as its syntax and will be using eclipse as a coding

platform, the ideas, concepts and skills discussed in the course will be applicable to many other coding languages. Ideally students in JAVA programming will have completed the elective Introduction to Computer Science course, but previous coding experience and department approval is an adequate prerequisite for this course.

*Prerequisite: Introduction to Computer Science or instructor approval
Trimester Major Block
Credits: 1/2 Math & 1/2 Science
Cross-Listed

Calculus

Calculus provides students with a solid foundation in the fundamental concepts and techniques of differential and integral calculus. Designed for students with little to no prior experience in calculus, this course serves as an essential stepping stone for those pursuing fields such as mathematics, engineering, physics, economics, or any discipline that relies on quantitative analysis.

*Prerequisite: Foundations III or Accelerated Foundations III, or by placement
Trimester Major Block
Credits: 1 Math

Advanced Calculus

In this advanced course we will study four main problems, the tangent line, acceleration and velocity, maximum and minimum and area problems. We will do this by first studying limits, using Augustin-Louis Cauchy's epsilon delta definition. From there we will prove different properties of limits and eventually define what a derivative is. Then we will look at the instantaneous rate of change of a function and learn what that rate of change can tell us about how the function can model the real world. Another aspect of calculus is diving into areas under curves using integration techniques that allow us to use mathematics to model time and space accurately. We will use both of these new functions to expand our knowledge of the

math modeling world and solve separable 1st order differential equations.

*Prerequisite: Calculus or Accelerated Foundations III with department approval, or by placement
Trimester Major Block
Credits: 1 Math

Minors

Introduction to Computer Science

This is an introductory course to computer programming. We will be learning about the computer language JAVA and how to make basic programs using the Eclipse platform. Students who successfully complete this course will be well prepared for the full term JAVA programming course.

Trimester Minor Block
Credits: ½ Math
Cross-Listed

Introduction to Engineering

Intro 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 already in use throughout the STEM department.

Trimester Minor Block
Credits: ½ Math
Cross-Listed

Introduction to Finance

The goal of Introduction to Finance is to help students to become financially responsible and economically knowledgeable members of society. We all make economic decisions every day of our

lives. Many of those decisions have lasting impact that we may fail to see. The course's primary goal is to provide students with some financial literacy and appropriate economic understanding that will enable students to build the life they want. To reach that end, this course develops student understanding and skills in such areas as money management, budgeting, financial goal attainment, the wise use of credit, insurance, investments, and consumer rights and responsibilities, and economic decision making.

Trimester Minor Block
Credits: ½ Math
Cross-Listed

Statistics of Moneyball: Sports Data and Analytics

In this course focused on the development of sports teams, students will learn about the principles and techniques of sports analytics, focusing on how data can be leveraged to gain a competitive edge in sports. The course will cover topics such as statistical modeling, data collection and analysis, player evaluation metrics, performance analysis, and team management strategies. This is an advanced course that applies the principles of Moneyball, a data-driven approach to sports analytics, to the management and performance prediction of sports teams. The capstone project provides students with an opportunity to apply their knowledge of statistical analysis, player evaluation, and strategic decision-making in the context of proposing their plan for rebuilding a sports team of their choosing.

Trimester Minor Block
Credits: ½ Math
Cross-Listed

Strategy Game Design

Step into the realm of strategic board game design and unleash your creativity in this immersive course. Explore the principles and techniques behind designing

captivating board games that combine deep strategic thinking with engaging gameplay. Through a combination of lectures, hands-on workshops, and collaborative projects, participants will learn the fundamentals of game design, including game theory, player psychology, and balancing randomness with skill. They will explore various genres and study successful

board games to uncover the secrets behind their enduring popularity. With a focus on practical application, students will develop their own board game prototypes, incorporating elements such as resource management, tactical decision-making, and player interaction.:

Trimester Minor Block
Credits: 1/2 Math

Science

Cores

STEM 1, Foundations of STEM

In this course students will be building foundational STEM skills that will aid them in their future STEM courses. Students will learn how to measure, collect data, analyze and present data, use scientific instruments, be safe in a lab, design a lab, write a lab report and improve their presentation skills. Concepts in the field of Biology will be explored throughout the course, with an emphasis on diseases and personal health. Students will learn how to use scientific technology used by scientists such as data collection software and Google sheets and use these tools to understand scientific principles through mathematics.

Throughout the course students will develop the skills needed to run their own science experiment which they will then present to the school community as their final capstone project.

Trimester Major Block
Credits: 1 Science (Lab)
Cross-Listed

STEM 2, Practical Applications of Physical Science

Practical Applications of Physical Science is designed to provide high school students with an in-depth exploration of how physical science principles are applied in real-world contexts. Through hands-on experiments, investigations, and projects, students will develop a strong understanding of real-world applications of physics and chemistry, and how they contribute to various fields of study and industries. This course aims to foster critical thinking, problem-solving skills, and an appreciation for the impact of physical science in everyday life.

Trimester Major Block

Credits: 1 Science (Lab)
Cross-Listed

Majors

Molecules in Motion: Exploring Chemical Phenomena in the Lab

Molecules in Motion: Exploring Chemical Phenomena in the Lab is a captivating high school laboratory chemistry course that delves into the dynamic world of chemical reactions. Through hands-on experiments, students investigate the behavior of atoms and molecules, gaining a deep understanding of key concepts such as chemical bonding, kinetics, and equilibrium. With an emphasis on critical thinking and scientific inquiry, students develop essential laboratory skills while connecting theoretical principles to real-world applications. This course inspires a lifelong curiosity for chemistry and prepares students for future scientific pursuits.

*Prerequisite: STEM I and STEM 2, or by placement
Trimester Major Block
Credits: 1 Science (Lab)

Advanced Physics

In Advanced Physics we will use an algebraic approach to classical physics. Students will start with definitions of terms to understand the language that is used by physicists and then dive into modeling the world around us. Students will apply concepts of data gathering, linear analysis and modeling in both a theoretical and lab setting. They will learn how to calculate, predict, justify and model forces exerted on and by a system, and how to apply properties of physics in the real world.

*Prerequisite: Foundations III, Accelerated Foundations III, Chemistry, or by placement
Trimester Major Block

Credits: 1 Science (Lab)

AIE JAVA Programing

In this course students will learn how to design and implement computer programs to aid in a variety of projects. While this course uses the JAVA language as its syntax and will be using eclipse as a coding platform, the ideas, concepts and skills discussed in the course will be applicable to many other coding languages. Ideally students in JAVA programming will have completed the elective Introduction to Computer Science course, but previous coding experience and department approval is an adequate prerequisite for this course.

*Prerequisite: Introduction to Computer Science or previous coding experience with department approval (prereq) and PreCalculus (Coreq)

Trimester Major Block
Credits: ½ Math & ½ Science
Cross Listed

AIE Environmental Science and History: Exploring the Past and Shaping the Future

This interdisciplinary course offers a unique exploration of the dynamic relationship between environmental science and history, providing students with a comprehensive understanding of how human societies have shaped and been shaped by the natural world. By combining insights from the fields of environmental science and historical analysis, students will delve into the complex interactions between nature and culture throughout different time periods. Through engaging lectures, interactive discussions, and hands-on activities, students will gain a deep appreciation for the intricate interplay between environmental factors and human activities. Students will understand the events that helped to shape modern environmental policy in the United States and internationally. Students will complete a capstone project providing suggestions on how to improve an environmental problem

at South Kent School or in the local community.

Trimester Major Block
Credits: ½ Science (Lab) & ½ History
Cross-Listed

SUPA Forensic Science (CHE 113)

Forensic science is one of the most important aspects of any criminal investigation. It can allow the authorities to do everything from positively identifying a suspect in a crime to determining exactly when and how a crime occurred. Students learn how to analyze blood, deconstruct organic and inorganic evidence, use DNA, compare fibers, paints, glass, soil, and more. Through lab assignments, students apply techniques in forensic investigations, including identifying food dyes by paper chromatography, classifying carbohydrates, and performing qualitative tests for chemicals. Being a fan of CSI is not a requirement; being a motivated student is.

*Prerequisite: STEM 1 and STEM 2, or by instructor approval

Trimester Major Block
Credits: 1 SKS Science (Lab), 3 College Units

Minors

Aquatic Ecosystems

Dive into the captivating world of freshwater aquatic ecology and explore some of Earth's diverse aquatic ecosystems. This course studies the ecological principles that shape and sustain freshwater and marine environments. Students will investigate the intricate relationships between organisms, their habitats, and the dynamic processes that govern aquatic systems. Through a blend of theoretical knowledge and hands-on fieldwork, participants will examine the structure, function, and adaptation of aquatic communities near South Kent School. Key topics include the hydrological cycle, water quality assessment, nutrient dynamics,

biodiversity conservation, and the impact of human activities on aquatic ecosystems.

Trimester Minor Block
Credits: ½ Science (Lab)

Technical Drawing I

This is a base course for all students interested in technical and computer based drawing. Students will start with learning the basic elements of technical drawing and completing a series of drawings by hand. This unique skill serves as an anchoring point for the further application of drawing concepts and as a diversifying skill that will give them an edge in college and beyond. Students will then progress through a series of learning modules to introduce them to AutoDesk AutoCAD. The class will finish out with a final project where students recreate the hand drawn documents in AutoCAD, creating a Capstone portfolio that demonstrates drawings skills both in and out of the digital realm.

Trimester Minor Block
Credits: ½ Science (Lab)
Cross-Listed

Open Robotics Lab

Open Robotics Lab is a creative exploration course for students interested in Robotics.

Using some of the top educational robotics formats, students will be able to explore construction, mechanics and using code in a self-paced open environment. This course will serve students of all understanding of robotics.

Trimester Minor Block
Credits: ½ Science (Lab)
Cross-Listed

Food Studies

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. We will treat questions of hunger, food production, inequality, ecology, food labor, health, including psychology, and the diversity of ethical, cultural, and spiritual meanings regarding food. 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.

Trimester Minor Block
Credits: ½ Science (Lab)