

SOUTH KINGSTOWN HIGH SCHOOL

PROGRAM OF STUDIES



2018-2019

SOUTH KINGSTOWN HIGH SCHOOL



SOUTH KINGSTOWN HIGH SCHOOL 2018-2019 PROGRAM OF STUDIES



South Kingstown High School Proficiency-Based Graduation System

Course Selection Process and Credit Programs

Department Course Descriptions

English Department

World Languages Department

Mathematics Department

Science Department

Social Studies Department

Special Education Department

Health and Physical Education Department

Proficiency-Based Graduation Requirements (PBGR) Department

Applied Learning Department

Fine Arts Department

Appendix

SOUTH KINGSTOWN HIGH SCHOOL

THE SOUTH KINGSTOWN HIGH SCHOOL REBEL WAY

South Kingstown High School is proud to be a safe and respectful community of learners that recognizes and encourages the talents and potential of every student. We are committed to a rigorous curriculum that fosters and develops identified academic, civic and social skills. The 21st century Rebel is an independent, critical thinker who effectively participates in our diverse community.

We believe students learn best, first and foremost, when they assume responsibility for their own learning. It is incumbent upon the learning community to support them by providing the following:

- clearly communicated expectations
- varied support structures for all learners
- authentic learning opportunities both in and out of school
- Instruction that meets all students' needs
- 21st century learning tools
- opportunities to employ critical thinking skills
- timely and constructive feedback
- teachers who are knowledgeable in content and method
- a positive, safe and supportive environment
- multiple opportunities to engage parents

SOUTH KINGSTOWN HIGH SCHOOL

GRADUATION BY PROFICIENCY DIPLOMA SYSTEM

Students who earn a diploma from South Kingstown High School participate in the Rhode Island Board of Regents for Elementary and Secondary Education Graduation by Proficiency Diploma System. In order to earn a diploma and graduate from South Kingstown High School, students are required to show proficiency through earning 24 credits and an approved proficiency based demonstration of learning.

GRADUATION BY PROFICIENCY REQUIREMENTS TO EARN A SOUTH KINGSTOWN HIGH SCHOOL DIPLOMA

I. A minimum of 24 Carnegie Units (credits)

- 4 credits in English
- 4 credits in Mathematics (see Appendix for more information)
- 3 credits in Social Studies (to include U.S. History)
- 3 credits in Science (to include 2 lab courses)
- 2 credits in Physical Education
- 1 credit in Health Education
- .5 credit in technology (requirement for Class of 2019; see courses in Appendix)
- .5 credit in Fine Arts (to include dance, music, theatre arts, and visual arts)

- 6 credits in electives and/or support courses – to include:
 - o World Languages
 - o Year and semester-long electives
 - o Literacy and Writing support courses
 - o Math support
 - o Special Education courses

Curtis Corner Middle School (CCMS) has aligned Spanish 1, French 1 and Algebra 1 curriculum with the South Kingstown High School Curriculum. If an incoming ninth grader has earned credit in these courses at CCMS, the course and credit will be recorded on the high school transcript. Grade point average quality points from a CCMS course are not calculated into the high school grade point average.

Please note that a given course **CANNOT** meet two graduation requirements, i.e. the .5 credit in technology and, at the same time, the .5 credit in Fine Arts.

II. Presentation of a portfolio or other approved proficiency based demonstration of learning

SOUTH KINGSTOWN HIGH SCHOOL

COURSE SELECTION

South Kingstown High School expects to offer all courses in this Program of Studies. However, certain courses may be deleted or combined depending on enrollment, staff availability and school committee approval. Students should select their courses very carefully, choosing as challenging a program as one can in order to keep as many alternatives after high school graduation available as possible. Students are urged to respond to their special abilities and interests and to consider their possible future educational and vocational plans as each student completes his/her graduation by proficiency and diploma requirements.

Please note: Our school master schedule for the 2018-2019 school year will be created based on students course selections, current course academic success and teacher/family conversations.

As students choose their courses, the school counselors will assist students in making selections. **Student course requests may not always be accommodated even if the course request form is submitted on time. Class size or section conflicts may prevent a student from receiving his/her choice of elective or content courses.** School counselors' advice should be sought, as well as that of parents/guardians and teachers. Parents and guardians who have questions are urged to call the Guidance Office (360-1004). **Every effort will be made by school personnel to see that graduation by proficiency and credit requirements are met, but the final responsibility for meeting the requirements for graduation rests with the student, and their parents/guardians.**

South Kingstown High School offers Honors and Advanced Placement (AP) courses that are designed to challenge the student who wishes to explore a particular topic in depth. Advanced Placement and/or Honors courses are demanding. A discussion with teachers or department chairperson is recommended to assess a student's potential to meet the rigorous expectations of advanced level courses.

SOUTH KINGSTOWN HIGH SCHOOL

SCHEDULE CHANGES

Students will choose courses for the following year after conversations with their teachers, school counselors and families in January and February. **March 5 is the deadline for any changes to the courses selected.** All classes must be chosen carefully, as counselors will be unable to make changes after the course request form submission date deadline has passed in early March. **Please note: Our school master schedule for the 2018-2019 school year will be created based on students course selections, current course academic success and teacher/family conversations.**

ADD/DROP PERIOD (the first 10 days of first semester and the first 10 days of second semester for a .5 credit course)

- Once the master schedule has been completed in mid-June, students and families will have the opportunity to request a course change which will be processed based on course availability and with a parent note.
- Counselors will be available one week prior to the opening of school for course changes based on course availability and during **the first 10 days of first semester and the first 10 days of second semester for a .5 credit course** for course changes, with a parent note and based on course availability.

Any change after the ADD/DROP period will not be made except for compelling circumstances. An example of a compelling circumstance is a medical issue that would necessitate a change to a student's schedule in the interest of his/her personal health and well-being. In this example, documentation from the student's physician would be required prior to adjusting a student's schedule.

If there is an error on a student's schedule, (for example, a student was enrolled in an incorrect second year course requiring a prerequisite), the student's school counselor will make the necessary correction.

Student course requests may not always be accommodated even if the course request form is submitted on time. Class size or section conflicts may prevent a student from receiving his/her choice of elective or content courses.

An approved drop of a given course after the first marking period of that course will reflect a "Withdrawn Failing" or "Withdrawn Passing" for withdrawal on the student's transcript.

SOUTH KINGSTOWN HIGH SCHOOL

ADVANCED PLACEMENT COURSES

Students who enroll in Advanced Placement (AP) courses are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school. Students who fail to pay the requisite fee (\$100/exam during the 2017-2018 school year) and return the signed AP contract during September will be withdrawn from the class. Students who are eligible for free/reduced lunch and/or are experiencing family financial difficulties are eligible for assistance in paying the AP exam fee; students should speak to their school counselor at the start of the school year.

Students who plan on enrolling in AP courses should pay close attention to the course descriptions for these courses and note that there may be required summer assignments that must be completed prior to the start of the school year. Required summer assignments are provided to students prior to the end of the school year by the appropriate AP teacher of the course for the upcoming school year.

VIRTUAL LEARNING OPPORTUNITIES

AVAILABILITY OF VIRTUAL LEARNING OPPORTUNITIES DUE TO SCHEDULING CONFLICTS

Juniors and seniors who are unable to enroll in Advanced Placement, Honors and/or other South Kingstown High School courses due to scheduling conflicts may access the given course via the Virtual High School (VHS) online high school program. South Kingstown High School will be offering a limited number of seats in this online program to upperclassmen. Students must meet with their school counselor to determine the availability of this scheduling option prior to the end of the school year.

Online course work through the VHS program in Advanced Placement courses also **requires** students to complete the associated AP exam in the school setting in May (see AP information above).

Advanced Placement and Honors courses completed via the VHS online program will be awarded GPA points as Advanced Placement/Honors courses and be included in the calculation of cumulative GPA and class rank. All other courses will be awarded their appropriate GPA points, as well, and will also be included in the calculation of cumulative GPA and class rank. Interested students may obtain additional information, the list of available course offerings and associated curriculum on the VHS website (www.govhs.org).

VIRTUAL LEARNING OPPORTUNITIES FOR JUNIORS AND SENIORS

Juniors and seniors can request to enroll in a Virtual High School (VHS) online course with school counselor and administrator approval. This course, selected from those available on the VHS site (www.govhs.org) would serve as an 8th course in a student's schedule and would be a course **NOT** offered at South Kingstown High School. This option is limited to those VHS seats available after students accessing VHS seats due to scheduling conflicts (see above) have finalized their schedules prior to the end of the school year.

SOUTH KINGSTOWN HIGH SCHOOL

AP online course work in an 8th course will be awarded AP GPA points and be included in the calculation of cumulative GPA and rank. Interested students may obtain additional information, the list of available course offerings and associated curriculum on the VHS website.

Students interested in Virtual Learning Opportunities are required to complete an application and meet with their school counselor prior to submitting the completed application to enroll in an online course.

An approved drop of a given Virtual Learning course after the first marking period of that course will reflect a "Withdrawn Failure" or "Withdrawn Passing" for withdrawal on the student's transcript.

EARLY COLLEGE, DUAL AND CONCURRENT ENROLLMENT POLICY

Purpose:

The Dual Enrollment Policy is designed to support the enrollment of South Kingstown High School students in courses designed to provide an early college experience, with the opportunity to earn college credit(s). This policy fulfills the requirements of R.I.G.L. 16-100-3(a) and 16-100-4. Students and parents interested in exploring this opportunity should contact their school counselor.

Definitions:

Concurrent Enrollment: A student is enrolled in High School and enrolled in a course that is offered at the High School in the Program of Studies and is taught by a High School teacher approved by the post-secondary institution(s).

Dual Enrollment: A student is enrolled in a secondary school while simultaneously enrolled part-time or full-time (typically as a non-matriculating student) at a post-secondary institution, such as a community college, college or university.

Early College Enrollment: A senior who is accepted and enrolls as a post-secondary full time student in a degree program may elect to substitute that program for his/her senior year.

Post-secondary Institution: Institutions of higher education.

Eligibility:

All students are eligible to participate in early college, dual and concurrent enrollment courses, given the availability of space. Specific prerequisite courses are identified in the Program of Studies. The approval of the principal may be denied or withdrawn when (1) a student is not on-track to graduate on time and/or has not met Graduation benchmarks, (2) a student's GPA falls below 3.0, (3) a student's conduct negatively impacts his/her achievement, and (4) a student is chronically absent or tardy. As a condition of participation in Dual and Early College Enrollment Courses, students or parents must agree in writing to allow for a complete exchange of information.

Grading, Course Credit and Accommodations:

Grading for concurrent enrollment courses will be in accordance with the grading policy/procedures at South Kingstown High School. All earned credits in concurrent enrollment will count toward a South Kingstown High School diploma.

Grading for dual enrollment and early college enrollment courses will be in accordance with that of the post-secondary institution. A record of courses and grades taken in dual enrollment or early college enrollment are not included on the student transcript and are not calculated into

SOUTH KINGSTOWN HIGH SCHOOL

GPA and rank. All earned credits in concurrent enrollment will count toward a South Kingstown High School diploma.

In cases where courses are higher than or not equivalent, the student can elect to provide a college transcript to the Guidance Office and/or to other institutions of higher education with their admissions information. Courses will be weighted in accordance with the guidance provided in the Program of Studies. The district will not be responsible for providing any accommodations that would otherwise not be required to be provided by the post-secondary institution. A student who has completed the high school graduation requirements may not continue to enroll as a student in the district by participating in programs detailed in this policy.

Financial Responsibility

Unless specifically provided for in the South Kingstown School Department budget, all costs associated with early college, dual and concurrent enrollment courses are the sole responsibility of students and their families. The availability of funding from the State of Rhode Island may or may not be available to defray these costs to Rhode Island public institutions of higher learning. The district will ensure the participation of students receiving a free or reduced lunch by providing assistance (through the Guidance Office) in identifying funding sources. The District will not provide transportation to post-secondary institutions.

SOUTH KINGSTOWN HIGH SCHOOL

CREDIT RECOVERY PROGRAMS

Spring Semester Credit Recovery: During the spring semester, students who are in need of credit recovery in either Physical Education or another course required for graduation, may have the opportunity to make up the credit on Saturday mornings. Credit recovery is provided by an on-line learning program. **Only** students who have earned a failing grade in a subject prior to the start of the Saturday program and who are committed to attending the program on Saturday mornings will be invited to participate. Priority will be given to upperclassmen. Students and their school counselor will meet to discuss this option prior to a student's registration for this credit recovery program.

Summer Credit Recovery Programs: A student's eligibility for summer school, based on South Kingstown High School policies, must be determined prior to registration/participation in any credit recovery program. Students who have failed a course must pass two quarters of a year-long class to be eligible to participate in a summer school program and/or credit recovery program.

Enrollment in summer school programs offered by local school departments is an acceptable means of earning credit for a failed course. In addition, students may use approved on-line programs, credit recovery programs offered by adult education programs, post-secondary institutions, as well as RIDE certified teachers for one-on-one tutoring. Students and parents/guardians must meet with the student's school counselor to determine the best credit recovery option for the given student.

TITLE IX POLICY (non-discrimination on the basis of sex) 4116.12

It is the policy of the South Kingstown School Department not to discriminate on the basis of sex in its educational programs, activities, or employment policies as required by Title IX of the 1972 Education Amendments. Inquiries regarding compliance with Title IX may be directed to the Superintendent's Office, Title IX Coordinator or the Rhode Island Department of Elementary and Secondary Education, Office for Civil Rights in Education, Providence, RI 02908.

POLICY OF NON-DISCRIMINATION

It is the policy of the South Kingstown School Department not to discriminate on the basis of age, sex, race, religion, national origin, color, or handicap in its educational programs, activities, and employment practices in accordance with applicable laws and regulations. Additionally, the lack of English language skills of national origin minority persons will not be a barrier to admission and participation in vocational education programs.

Inquiries regarding compliance with laws related to sex discrimination may be directed to the Superintendent's Office, 307 Curtis Corner Road, Wakefield, Rhode Island 02879. Inquiries related to handicapped accessibility may be directed to the Special Education Office, 307 Curtis Corner Road, Wakefield, Rhode Island 02879

SOUTH KINGSTOWN HIGH SCHOOL

Advanced Placement Capstone



SOUTH KINGSTOWN HIGH SCHOOL

Advanced Placement Capstone

AP Capstone™ is a College Board program that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions.

AP Capstone is comprised of two AP courses — AP Seminar and AP Research— and is designed to complement and enhance the discipline-specific study in other AP courses.

AP Seminar is the first of two courses in the AP Capstone™ program. AP Research is the second course. If a student earns scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of the student's choice, the student will receive the AP Capstone Diploma™. This signifies outstanding academic achievement and attainment of college-level academic and research skills. Alternatively, scores of 3 or higher in AP Seminar and AP Research only, a student will receive the AP Seminar and Research Certificate™

[Source: College Board, What is AP Capstone?](#)

AP Seminar 11980 (1 credit) Grade 11

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary, and philosophical texts; listening to, and viewing speeches, broadcasts, and personal accounts, and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

AP Research 11981 (1 credit) Grade 12

Culminating project can be in lieu of Portfolio or Senior Project
To be offered in 2019-2020

SOUTH KINGSTOWN HIGH SCHOOL

English Language Arts Department



SOUTH KINGSTOWN HIGH SCHOOL

ENGLISH LANGUAGE ARTS

The English Language Arts Department's philosophy is that through the critical study of language and literature, we can help students better understand and contribute to the world they live in, encourage them to explore and understand the "text" of their own lives as well as the lives of others, and empower them to be life-long readers, writers, speakers, listeners, and critical thinkers. The South Kingstown High School Student Learning Expectations, the South Kingstown English/Language Arts Mission and Expectations, and the national Common Core of State Standards are integral to achieving this goal. Our purpose is, through a comprehensive, integrated curriculum, to enable all students to develop the skills necessary to become effective communicators, and to use language fluently in all of its forms to enhance their lives and their world.

GRADE 9 ESSENTIAL QUESTIONS: Who Am I? How does literature explore questions of personal identity?

English 9 11100 (1 credit)

Through a broad range of writing assignments, full-class discussions, and small-group activities, students explore topics and themes in developmentally appropriate literature, in a variety of genres (short story, novel, non-fiction, poetry, and drama), with an emphasis on comprehension, inference, literary analysis, and communication skills. The course also provides a structured review of basic vocabulary, spelling, usage, composition, and research skills, and focuses on establishing a foundation for further application of those skills at the high school and post-secondary level. Additionally, the course exposes students to a range of writing types: practical, academic, creative, and reflective. Course requirements include one oral presentation. The comprehensive course assessment for this class is a literary response essay on one of the course's core texts. (SLE: A1, A2)

Honors English 9 11109 (1 credit)

Through a broad range of writing assignments, full-class discussions, and small-group activities, students explore themes and issues in literature at and above grade level in a variety of genres: short story, novel, non-fiction, poetry, and drama, with an emphasis on self-directed literary analysis, inferential and abstract thinking, and communication skills. This course also focuses on the development of rigorous vocabulary, spelling, usage, composition, and research skills. Additionally, the course exposes students to literature-based analytical essays and a wide variety of writing types: practical, academic, creative, and reflective. Course requirements include one oral presentation. The comprehensive course assessment for this class is a literary response essay on one of the course's core texts. (SLE: A1, A2)

GRADE 10 ESSENTIAL QUESTIONS: What Is America? What Is a Community? How does literature express and explore what it means to be part of a community?

English 10 11188 (1 credit)

In this course, students will examine American cultural identity and contemporary themes as expressed through our nation's literature in a variety of forms, including short stories, novels, plays, and nonfiction. The course provides an in-depth study of literary genres and terms. Students will exercise a range of critical reading strategies in addition to developing their skills in analytical, argumentative, and narrative writing. Writing instruction focuses on using the writing process in essay composition (expository, analytical, and persuasive) to produce substantive content through precise, coherent, error-free writing, with developmentally appropriate

SOUTH KINGSTOWN HIGH SCHOOL

vocabulary and standard usage. Course requirements include two research papers (one short, one longer) utilizing MLA format, and a minimum of two oral presentations, one informative and one argumentative/persuasive. The comprehensive course assessment (CCA) for this class is a literature-based argumentative/persuasive composition. (SLE: A1, A2, C5)

Honors English 10: American Literature 11110 (1 credit)

This course examines American and multicultural voices and themes through historical and contemporary literature at and above grade level in a variety of forms, including short stories, novels, plays, and nonfiction. Instruction focuses on in-depth exploration of literature through critical reading and analysis. Students will examine and practice a variety of writing formats, including self-directed literary analysis and academic research. Expectations for students' writing emphasize coherence and organization, analytical depth, stylistic precision and variety, and documentation. Course requirements include two research papers utilizing MLA format and a minimum of two oral presentations, informative and persuasive. The comprehensive course assessment for this class is a literature-based persuasive composition. (SLE: A1, A2, C5)

Project-Based Learning ELA 10 11188PB Grade 10 (1 credit)

In this course, students will examine American cultural identity and contemporary themes as expressed through our nation's literature in a variety of forms, including short stories, novels, plays, and nonfiction. The course provides an in-depth study of literary genres and terms. Students will exercise a range of critical reading strategies in addition to developing their skills in analytical, argumentative, and narrative writing. Writing instruction focuses on using the writing process in essay composition (expository, analytical, and persuasive) to produce substantive content through precise, coherent, error-free writing, with developmentally appropriate vocabulary and standard usage. The instruction model in this class empowers students to become self-directed learners—they set goals for their learning, reflect on their progress and build habits and mindsets to help them succeed in college, career and life with mentorship from their teachers. Students engage with projects that connect the classroom to the real world. When students work in teams to apply what they're learning to projects that mimic and solve real-world problems, they develop strong collaboration, communication and critical thinking skills. This model set-up of this class will also allow students opportunities to earn honors credit if they complete additional focus areas assigned by the teacher.

GRADE 11 HUMANITIES ESSENTIAL QUESTION: What Is Culture?

How do literature and other forms of expression convey and shape a culture's values?

English 11 11121 (1 credit)

In this course, students will examine the expression of cultural values through common universal themes, with particular focus on the archetypal figure of the hero, as conveyed through literature and other modes of communication in world culture from ancient through modern times. The course focuses on recurring themes that have defined and shaped cultural attitudes over the centuries, such as: Order and Balance; Power and Authority; Faith; Humanism; Reason; Nature; Freedom; and Change. As time and student interest allow, instruction will be supplemented by the study of other forms of expression and the arts. Students will extend the range of critical reading strategies acquired in Grades 9 and 10, in addition to further developing their skills in analytical, argumentative, and narrative writing. Writing instruction focuses on using the writing process in essay composition (expository, analytical, argumentative, persuasive, and reflective) to produce well-supported content through precise, coherent, error-free writing, with developmentally appropriate

SOUTH KINGSTOWN HIGH SCHOOL

vocabulary and standard usage. Independent reading is expected at times throughout the school year. The comprehensive course assessment for this class is a fully-documented personal essay in response to two or more of the works studied in the course (SLE: A1, A2, A4)

AP English Language and Composition 11111 (1 credit)

This course is a survey of various genres of European, American, and world literature, supplemented by the study of the fine arts. Though organized generally according to historical chronology, the course focuses on recurring themes that have defined and shaped Western cultural attitudes over the centuries: Order and Balance; Power and Authority; Faith; Humanism; Reason; Nature; Freedom; and Change. Students study classic works in depth through critical reading, creative writing assignments, and rigorous academic writing assignments that emphasize the use and analysis of rhetorical strategies. Students will also become acquainted with and prepared for the rigorous format of the AP Language and Composition exam administered in May. Independent reading is required during the summer and throughout the school year. The comprehensive course assessment for this class is a research-based essay tracing the development of a common theme through three or more of the works studied in the course. (SLE: A1, A2, A4)

GRADE 12 ESSENTIAL QUESTION: Who Will I Be?

How can one use writing to express and explore questions of personal identity and responsibility?

FULL-YEAR ENGLISH COURSES FOR SENIORS

AP English Literature and Composition 11112 (1 credit) (Full Year) Grade 12

This course examines literature as an art form and as an expression of universal themes through diverse cultural voices. In this course students will learn to immerse themselves in challenging works of literature as an aesthetic experience, and to probe literature analytically. The comprehensive course assessment for this class is a fully-documented research essay and presentation on a literary topic. **Students taking this course are eligible for credit in conjunction with the Rhode Island College Early Enrollment Program.**

Extensive summer reading is required.

Prerequisite: Final grade of B- or above in AP English Language and Composition 11 or departmental approval. (SLE: A1, A2)

Writing on Themes in Literature 12 11152 (1 credit) (Full Year) Grade 12

Students will read, discuss, interpret, and analyze contemporary and classic literature exploring universal issues that writers throughout the ages have addressed. Students will respond to them through a variety of writing modes, including expository, reflective, and narrative. The comprehensive course assessment for this class is a fully-documented research assignment. **This year-long course meets both the writing and the literature requirements for 12th-grade English.** (SLE: A1, A2)

SOUTH KINGSTOWN HIGH SCHOOL

SEMESTER COURSES FOR SENIORS ELECTIVES FOR UNDERCLASSMEN

From the following courses for Grade 12, seniors-to-be must select one writing course (½ credit) and one literature course (½ credit). Due to minimum enrollment requirements for these courses, each student should also indicate a second choice in both the writing and literature categories.

Underclassmen and seniors may take most senior English courses as electives. Underclassmen taking 12th grade English courses in 11th grade and seniors taking additional courses as electives in 12th grade will be expected to meet all of the course requirements.

WRITING OPTIONS (½ credit each) **ESSENTIAL QUESTION: Who Will I Be?**

How can one use writing to express and explore questions of personal identity and responsibility?

Advanced Writing 12 11142 (½ credit) (1 semester)

Students will review and practice in-depth analysis of various forms of literature, examining literary devices, historical context, and cultural impact. Students will learn and apply an understanding of sophisticated writing techniques, documentation skills, and various types of writing, including college essays. The comprehensive course assessment for this class is a fully-documented research assignment. (SLE: A1, A2)

Advanced Writing: Sports and Feature Writing 11190 (½ credit) (1 semester)

This course will introduce students to researching, writing and publishing web-based feature stories and reports with a specific focus on sports, the arts, and other student-centered activities. Students in the class will research trends and interview multiple subjects in order to craft stories about school life and the community beyond. Students taking the course will also learn the basics of news structure and cover events in live time using web-based applications such as Twitter, Instagram, etc. As a main component of the course, students will produce multiple profiles and feature news stories and each completed piece will be considered for publication on the class platform and school website. The comprehensive course assessment for this class will consist of a portfolio of student work as well as a fully documented research assignment.

Key Components:

- introduce students to researching, writing and publishing web-based feature stories and reports
- specific focus on sports, the arts, and other student-centered activities
- students will learn the basics of news structure and cover events in live time using web-based applications such as Twitter, Instagram, etc.
- students will produce multiple profiles and feature news stories
- each completed piece will be considered for publication on the class platform and school website

(SLE: A1, A2, A3, C6)

Pathway Course **P**

SOUTH KINGSTOWN HIGH SCHOOL

Autobiographical Writing 12 11134 (½ credit) (1 semester)

Students will read contemporary and historical autobiographical texts of varied lengths and study the wide-ranging themes and techniques common to memoir-writing. At the same time, students will work on creating their own autobiographies/memoirs, a final product that will serve as a summation of the themes and techniques they have explored through their readings while also reflecting their own experiences and values (and that for many students will be a keepsake for years to come). The comprehensive course assessment for this class is a fully-documented research assignment. (SLE: A1, A2)

Creative Writing 12 11195 (½ credit) (1 semester)

By creating their own poems, stories, and other narratives, students will explore the craft and emulate the techniques of a variety of distinguished literary works, and will be encouraged to develop their own authorial voice through conscious attention to diction, details, figurative language, imagery, tone, and syntax. Authors will be invited to the classroom to share their experiences and insights. The comprehensive course assessment for this class is a fully-documented research assignment. (SLE: A1, A2)

An Introduction to Speech and Debate 11161 (½ credit) (1 semester)

This course is an introduction to the basic elements of speech and debate, both formal and informal. Students present warm-up speeches on personal subjects. Then students craft and deliver informative, demonstration, and persuasive speeches. The course emphasizes the use of reliable evidence and logical reasoning. Delivery skills such as eye contact, body language, and vocal control are emphasized. Different types of debating styles are examined and practiced. Debates focus on local, national, and international controversies, with students conducting research on the affirmative and the negative positions. (SLE: A1, A2)

University of Rhode Island Writing 104: Honors Writing to Inform and Explain 11145 (½ credit) (1 semester) Grade 12

This course emphasizes the sharing of information, exploring and developing mastery of a range of expository writing strategies for differing audiences and situations. Students will produce writings in a variety of genres, including narratives, memoirs, profiles, research papers, public letters, and analysis of complex text. The course emphasizes the writing process through real-world, practical writing assignments. **Students taking this course are eligible for credit in conjunction with the University of Rhode Island. Because this is a college-level concurrent enrollment course, student work will be assessed according to the university's grading policy.** Students taking this class will receive Honors weighted credit (SLE: A1, A2)

Writing in a Contemporary Culture 12 (Analysis of Media through Writing 12) 11130 (½ credit) (1 semester)

Students view, discuss, and write analytically and critically about the varied aspects of complex media, with a focus on classic and contemporary cinema. The major emphasis is on the specialized techniques used in the media to combine theme, structure, language, imagery, and sound. The comprehensive course assessment for this class is a fully-documented research assignment. (SLE: A1, A2, A4)

SOUTH KINGSTOWN HIGH SCHOOL

LITERATURE OPTIONS (½ credit each)

ESSENTIAL QUESTION: Who Will I Be?

How does literature express and explore questions of personal identity and responsibility?

The American Game: The Literature of Baseball 12 11165 (½ credit) (1 semester)

Students will, read, discuss, interpret, and analyze the literature of baseball as a metaphor of American life. The primary focus is on the literary elements specific to sports literature, both fiction and non-fiction, as well as the history and culture of baseball. *The Baseball Reader*, *The Natural*, *Eight Men Out*, *Shoeless Joe*, *Moneyball*, and *The Baseball Abstract* are some of the works explored. Students will also examine references to the sport in such American literary classics as *The Great Gatsby*, *The Catcher in the Rye*, *The Old Man and the Sea*, and *One Flew Over the Cuckoo's Nest*. Field trips may include: The Baseball Hall of Fame, McCoy Stadium, and Fenway Park. The comprehensive course assessment for this class is a fully-documented research assignment. (SLE: A1, A2)

Classic Literature of Horror: Misunderstood Monsters 12 11167 (½ credit) (1 semester)

Students read, discuss, interpret, and analyze classic literature involving the archetypal figure of the monster, from the natural-born “monster” in *The Elephant Man* to the man-made monster in *Frankenstein* to the imagined/invented monster in *Dracula*. Students will explore what these narratives reveal about human behavior when faced with the unknown or unusual. The comprehensive course assessment for this class is a fully-documented research assignment. (SLE: A1, A2)

Rhode Island College English 113: Honors Literary Approaches to Drama 11179 (½ credit) (1 semester) Grade 12

In this college-level course students trace the development of drama from Greek through modern times. They will read, discuss, interpret, and analyze award-winning, literary plays of the last century. This course provides students with information about the playwrights' lives and the historical factors that influenced them. Independent reading is required throughout the semester. The comprehensive course assessment for this class is a fully-documented research assignment. Students taking this course may be eligible for credit in conjunction with the Rhode Island College Early Enrollment Program. (SLE: A1, A2, A4)

Pathway Course **P**

Literary Drama 12 11173 (½ credit) (1 semester)

This course traces cultural development from Greek through modern times, but with the focus exclusively on drama and dramatic literature. Students read, discuss, interpret, and analyze classic and award-winning plays of the past and present, as well as investigating the historical factors that influenced the works. Emphasis is placed on the historical, cultural, and literary aspects of each drama studied. The comprehensive course assessment for this class is a fully-documented research assignment. (SLE: A1, A2, A4)

Multicultural Literature 12 11168 (½ credit) (1 semester)

Students read, analyze, and discuss literature written by and about people who have traditionally been denied a voice, with a focus on literature from the developing world. Readings examine and prompt discussions and research about past and present injustices associated

SOUTH KINGSTOWN HIGH SCHOOL

with different cultures. The specific texts to be studied will vary depending upon student interest. The comprehensive course assessment for this class is a fully-documented research assignment. (SLE: A1, A2)

Shakespeare 12 11171 (½ credit) (1 semester)

In this course students read, discuss, interpret, and analyze a variety of Shakespeare's comedies, tragedies, and histories. Students study the literary elements characteristic of these genres, the theatrical aspect of Shakespeare work, thematic strands common to his plays, and the literary artistry that distinguishes them. The comprehensive course assessment for this class is a fully-documented research assignment. (SLE: A1, A2)

The Study of Poetry and the Short Story 12 11164 (½ credit) (1 semester)

Students read, discuss, interpret, and analyze classical and contemporary poetry and short stories. Literary elements specific to these two genres will be examined. Instruction focuses on examining the authors' craft, as well as historical and cultural influences. The comprehensive course assessment for this class is a fully-documented research assignment. (SLE: A1, A2)

Women's Literature 12 11163 (½ credit) (1 semester)

Students read, discuss, interpret, and analyze literature about women's issues in the media, family life, and politics. Through the literature, students examine the varied and changing perceptions of and by women in our culture. The comprehensive course assessment for this class is a fully-documented research assignment. (SLE: A1, A2)

World Literature 12 11140 (½ credit) (1 semester)

Students explore other cultures through literature, by reading, interpreting, and analyzing classical and contemporary literature from Asia, Europe, Africa, Australia, and South America. Instruction focuses on the cultural foundations of the works as well as on the authors' backgrounds to enhance the students' understanding and appreciation. The comprehensive course assessment for this class is a fully-documented research assignment. (SLE: A1, A2)

ENGLISH LANGUAGE ARTS ELECTIVES (Not for English credit)

AP Art History 11132 (1 credit) (Full Year) Grades 11-12

The study of art history invites students to discover the diversity in and connections among forms of artistic expression throughout history and from around the globe. Students learn about how people have responded to and communicated their experiences through art making by exploring art in its historic and cultural contexts. Students will be welcomed into the global art world as active participants, engaging with its forms and content as they research, discuss, read and write about art, artists, art making, and response to and interpretations of art.

Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September.

(SLE: A1, A2, C5)

Journalism - *The Rebellion* 11196 (1 credit) Grades 9-12

This course will train students in both creative and journalistic writing and teach basic desktop publishing skills. To satisfy course requirements, students are responsible for all aspects of the

SOUTH KINGSTOWN HIGH SCHOOL

production and publication of the school newspaper: advertising, sales, researching, writing, and editing forms of print journalism, functional and public documents, editorials, and essays. **Note: This is a year-long course.** (SLE: A1, A2)

Writing in Electronic Environments 11198 (½ credit) (1 semester) Grades 9-12

In this course, students will examine, investigate, and practice digital writing. Written products will be published through a variety of technology platforms, including Web design, blogs, wikis, social networking technologies, presentation software, and construction of a digital portfolio.

Writing for Community Service 11199 (½ credit) (1 semester) Grades 9-12

Students in this course study and practice writing in the context of social advocacy and community service. Participation in community service activity outside of class is a course expectation, in addition to research, writing, and design. Activities may also include writing grant proposals, brochures, websites, or reports.

Rebel Writing Center Fall 11124/Spring 11125 (½ credit per semester) Grades 9-12

The Rebel Writing Center provides a time and space within the school day for both aspiring and struggling writers to work on their craft. Students enrolled in this course can work on writing assignments from their other content courses and will also be able to explore their own personal interests through writing. The writing coach will facilitate the class, and help students hone their writing skills. This course assists students in increasing their proficiency in the writing skills needed to succeed in a high school course of study and beyond. It is designed to individualize instruction and increase proficiency in targeted composition skills and processes. The curriculum, instruction, and assessment focus on identifying and improving the student's level of proficiency in: mastery of foundational writing skills; use of the writing process; and application through a range of written tasks, genres, and forms of self-expression. This is a process oriented class. Students will work on each stage of the writing process at their own pace. This course is open to all students as an elective.

LITERACY SUPPORT COURSES (Not for English credit)

Readers' Workshop Fall 11105/Spring 11106 (½ credit per semester) Grades 9-12

This course is designed to assist students in increasing their proficiency in the English/Language Arts skills needed to succeed in a high school course of study. The curriculum, student assessments, and student portfolio reflect the course's focus on increasing students' proficiency in comprehending a range of materials of varying length and complexity, their ability to analyze and interpret what they read in the process of becoming critical readers, and their ability to write effectively in a variety of formats according to current standards of correctness. **Enrollment in this course is contingent on standardized testing data and the Personal Literacy Plan (PLP) of the selected students.** (SLE: A1, A2)

SOUTH KINGSTOWN HIGH SCHOOL

World Languages Department



SOUTH KINGSTOWN HIGH SCHOOL

WORLD LANGUAGES DEPARTMENT

In accordance with “The Rebel Way” of South Kingstown High School, it is the philosophy of the World Languages department that the study of a world language enables the student to communicate with those of other cultures and to better understand and appreciate the rich diversity of cultures of the world. These skills not only enable the student to effectively participate in our diverse community but they also support a better understanding of his/her own culture, language, and self.

French 1 11212 (1 credit) Grades 9-12

This course begins the development of the skills necessary to communicate in French, initiates cultural awareness, explores connections with other disciplines, compares francophone and American culture, and encourages use of French beyond the classroom. (SLE: A1, A2, C5)

French 2 11222 (1 credit) Grades 9-12

This course further develops skills acquired in French 1. Building blocks are provided to allow students to better express personal information and describe familiar routines, recount past events, state future plans and offer opinions. Exploration of the francophone world is expanded to include the Maghreb in Africa, the French Caribbean and French Canada. (SLE: A1, A2, C5)

Honors French 2 11221 (1 credit) Grades 9-12

This course further develops skills acquired in French 1. Building blocks are provided to allow students to better express personal information and describe familiar routines, recount past events, state future plans and offer opinions. Exploration of the francophone world is expanded to include the Maghreb in Africa, the French Caribbean and French Canada. Performance indicators in the honors section presuppose a higher level of proficiency than in the regular section. (SLE: A1, A2, C5)

French 3 11232 (1 credit) Grades 11-12

This course continues the development of competencies begun in French 1 and 2. Practice and the acquisition of more advanced grammar structures and vocabulary allow students to expand their ability to function in a French-speaking environment. This course reinforces and further develops the skills necessary to relate past history and future plans (including hopes, fears); hypothetical situations are raised and discussed. Cultural awareness is expanded through exposure to history, art, literature and francophone contributions to the world. (SLE: A1, A2, C5)

Honors French 3 11231 (1 credit) Grades 11-12

This course continues the development of competencies begun in Honors French 1 and 2. Practice and acquisition of more advanced grammar structures and vocabulary allow students to expand their ability to function in a French-speaking environment. This course reinforces and further develops the skills necessary to relate past history and future plans (including hopes, fears); hypothetical situations are raised and discussed. Cultural awareness is expanded

SOUTH KINGSTOWN HIGH SCHOOL

through exposure to history, art, literature and francophone contributions to the world. Performance indicators in the honors section presuppose a higher level of proficiency than in the regular section. (SLE: A1, A2, C5)

French 4 11242 (1 credit) Grades 11-12

This course continues to develop communicative competency through the study of the history, literature and culture of France and the francophone world. As they practice, refine and expand skills from previous years of study, students are encouraged to make connections between history and current events using personal experience, selected text, and media sources. The year culminates in a project requiring examination of a topic from government, politics, industry, important artistic and literary figures or issues of importance in the French-speaking world. (SLE: A1, A2, C5)

AP French Language and Culture 11241 (1 credit) Grades 11-12

This course meets AP course requirements as established by The College Board. Rigorous, intense grammar and language study prepare students to express themselves competently in more idiomatic French. Students develop communicative competency through extensive language practice in the consideration of the products, practices and perspectives of the francophone world. As they practice, refine and expand skills from previous years of study, students are encouraged to make connections between history and current events using personal experience, selected text, and various media sources. **This course demands a serious commitment to independent work outside of class. Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September.** (SLE: A1, A2, C5)

Honors French 5 11244 (1 credit) Grade 12

The Advanced French Course Level 5 is focused on developing student's fluency and accuracy abilities, and helping them to reach a level of competence that will allow them to interact with a variety of more challenging, sophisticated current topics. During the year, students study more in depth the four French skills - reading, writing, speaking and listening - through a "Communicative Language Teaching" methodology. This class is designed for students with an intermediate to advanced level in French. It is taught entirely in French with the objective to enhance written and oral fluency. Students learn new grammatical patterns in the context of a conversation or real-life situation. Students use various activities to practice French conversation including listening tasks, role-plays, discussions and projects. Students also study various cultures in the French-speaking world other than France, with particular emphasis on Quebec, African, and Caribbean Francophone cultures through contemporary texts from a variety of authentic sources.

Italian 1 11201 (1 credit) Grades 9-12

This course begins the development of the skills necessary to communicate in Italian, initiates cultural awareness, explores connections with other disciplines, compares Italian and American culture, and encourages use of Italian beyond the classroom. (SLE: A1, A2, C5)

SOUTH KINGSTOWN HIGH SCHOOL

Accelerated Honors Italian 1 and 2 11210 (Grades 9-12)

Two years of Italian are completed in one year (see course descriptions for Italian 1 and Italian 2). It is designed for highly motivated students in all grades who wish to consolidate two years of Italian language learning into one. This will allow incoming freshmen to pursue Level 5 during their senior year. (SLE: A1, A2, C5)

Italian 2 11202 (1 credit) Grades 10-12

This course further develops skills acquired in Italian 1. Building blocks are provided to allow students to better express personal information and describe familiar routines, recount past events, state future plans and offer opinions. Cultural awareness is expanded to include such topics as the metric system, art and music, transportation and communication systems. (SLE: A1, A2, C5)

Honors Italian 2 11206 (1 credit) Grades 10-12

This course further develops skills acquired in Italian 1. Building blocks are provided to allow students to better express personal information and describe familiar routines, recount past events, state future plans and offer opinions. Cultural awareness is expanded to include such topics as the metric system, art and music, transportation and communication systems. Performance indicators in the honors section presuppose a higher level of proficiency than in the regular section. (SLE: A1, A2, C5)

Italian 3 11203 (1 credit) Grades 11-12

This course continues the development of competencies begun in Italian 1 and 2. It reinforces the skills necessary to relate past history and future plans (including hopes, fears, etc.); hypothetical situations are raised and discussed. There is broader exposure to reading materials. Students gain summarizing skills in Italian and writing short essays. Exploring comparisons and contrasts between Italy and the United States reinforces cultural awareness. (SLE: A1, A2, C5)

Honors Italian 3 11207 (1 credit) Grades 11-12

This course continues the development of competencies begun in Honors Italian 1 and 2. It reinforces the skills necessary to relate past history and future plans (including hopes, fears, etc.); hypothetical situations are raised and discussed. There is broader exposure to reading materials. Students gain summarizing skills in Italian and writing short essays. Exploring comparisons and contrasts between Italy and the United States reinforces cultural awareness. Performance indicators in the honors section presuppose a higher level of proficiency than in the regular section. (SLE: A1, A2, C5)

Italian 4 11204 (1 credit) Grade 12

This course continues to develop communicative competencies while deepening insight into the Italian culture. As they practice, refine and expand skills from previous years of study, students are encouraged to make connections between their own culture and that of Italy. The goal for students is to achieve a greater ease in speaking and reading Italian through the consideration and study of literature and current events. (SLE: A1, A2, C5)

SOUTH KINGSTOWN HIGH SCHOOL

AP Italian Language and Culture 11209 (1 credit) Grade 11-12

This course meets AP course requirements as established by The College Board. Rigorous, intense grammar and language study, in accordance with AP themes and curricular guidelines, prepare students to express themselves competently in Italian. Students develop communicative competencies through extensive language practice in the consideration of the products, practices and perspectives of contemporary Italian culture. As they practice, refine and expand skills from previous years of study, students are encouraged to make connections between history and current events using personal experience, selected text, and various media sources. **This course demands a serious commitment to independent work outside of class. Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September. Students taking this course may be eligible for credit in conjunction with the Rhode Island College Early Enrollment Program.** (SLE: A1, A2, C5)

Spanish 1 11252 (1 credit) Grades 9-12

This course begins the development of the skills necessary to communicate in Spanish, initiates cultural awareness, explores connections with other disciplines, compares Hispanic and American culture, and encourages use of Spanish beyond the classroom. (SLE: A1, A2, C5)

Spanish 2 11262 (1 credit) Grades 9-12

This course further develops skills acquired in Spanish 1. Building blocks are provided to allow students to better express personal information and describe familiar routines, recount past events and state future plans. This class further explores the products and practices of Hispanic cultures. (SLE: A1, A2, C5)

Honors Spanish 2 11261 (1 credit) Grades 9-12

This course further develops skills acquired in Spanish 1. This course further develops the four basic skills of foreign language, listening, speaking, reading and writing to enhance student ability to communicate in a culturally appropriate manner. Students will express personal information and describe familiar routines, recount past events, and state future plans. This class further explores the products and practices of Hispanic cultures. Performance indicators in the honors section presuppose a higher level of proficiency than in the regular section. (SLE: A1, A2, C5)

Project-Based Spanish 2 11262PB (1 credit) Grade 10

This course further develops skills acquired in Spanish 1. Building blocks are provided to allow students to better express personal information and describe familiar routines, recount past events and state future plans. Students will learn to make recommendations, suggestions and give advice. Further exploration of the products and practices of the Hispanic world includes money, pastimes, educational systems, and ancient cultures. The instruction model in this class empowers students to become self-directed learners—they set goals for their learning, reflect on their progress and build habits and mindsets to help them succeed in college, career and life with mentorship from their teachers. Students engage with projects that connect the classroom

SOUTH KINGSTOWN HIGH SCHOOL

to the real world. When students work in teams to apply what they're learning to projects that mimic and solve real-world problems, they develop strong collaboration, communication and critical thinking skills. This model set-up of this class will also allow students opportunities to earn honors credit if they complete additional focus areas assigned by the teacher.

Spanish 3 11272 (1 credit) Grades 11-12

This course continues the development of competencies begun in Spanish 1 and 2. Practice and acquisition of more advanced grammar structures and vocabulary allow students to expand their ability to function in a Spanish-speaking environment. This course reinforces and further develops the skills necessary to relate past history and future plans (including hopes and fears); hypothetical situations are raised and discussed, and students can make recommendations. Students explore art, history, literature and technological and cultural developments of the Hispanic world. (SLE: A1, A2, C5)

Honors Spanish 3 11271 (1 credit) Grades 11-12

This course continues the development of competencies begun in Spanish 1 and 2. Practice and acquisition of more advanced grammar structures and vocabulary allow students to expand their ability to function in a Spanish-speaking environment. This course reinforces and further develops the skills necessary to relate past history and future plans (including hopes, fears); hypothetical situations are raised and discussed. Students explore art, history, literature and technological and cultural developments of the Hispanic world. Performance indicators in the honors section presuppose a higher level of proficiency than in the regular section. (SLE: A1, A2, C5)

Project-Based Spanish 3 11272PB (1 credit) Grade 11

This course further develops skills acquired in Spanish 1 and Spanish 2, and the general curriculum from Spanish 3 classes are followed. Building blocks are provided to allow students to better express personal information and describe familiar routines, recount past events and state future plans. Students will learn to make recommendations, suggestions and give advice. Further exploration of the products and practices of the Hispanic world includes money, pastimes, educational systems, and ancient cultures. The instruction model in this class empowers students to become self-directed learners—they set goals for their learning, reflect on their progress and build habits and mindsets to help them succeed in college, career and life with mentorship from their teachers. Students engage with projects that connect the classroom to the real world. When students work in teams to apply what they're learning to projects that mimic and solve real-world problems, they develop strong collaboration, communication and critical thinking skills. This model set-up of this class will also allow students opportunities to earn honors credit if they complete additional focus areas assigned by the teacher.

SOUTH KINGSTOWN HIGH SCHOOL

Spanish 4 11282 (1 credit) Grades 11-12

This course continues to develop communicative competencies while deepening insight into the culture of the Hispanic world. As they practice, refine and expand skills from previous years of study, students are encouraged to make connections between their own culture and that of the Hispanic world. Audio-visual material is used to improve speaking and critical listening skills. Students will read and discuss selected literary pieces in Spanish. Such topics will be summarized in a final essay (response to literature). (SLE: A1, A2, C5)

AP Spanish Language 11283 (1 credit) Grades 11-12

This course meets AP course requirements as established by The College Board. Rigorous, intense grammar and language study, in accordance with AP themes and curricular guidelines, prepare students to express themselves competently in Spanish. Students develop communicative competencies through extensive language practice in the consideration of the products, practices and perspectives of the Spanish-speaking world. As they practice, refine and expand skills from previous years of study, students are encouraged to make connections between history and current events using personal experience, selected text, and various media sources. **This course demands a serious commitment to independent work outside of class. Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September. Students taking this course may be eligible for credit in conjunction with the Rhode Island College Early Enrollment Program.** (SLE: A1, A2, C5)

AP Spanish Literature 11284 (1 credit) Grades 12

This course meets AP course requirements as established by The College Board. The Language and Literature course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of time and place, as students reflect on the many voices and cultures present in the required readings. This course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g. art, film, articles, and literary criticism). **This course demands a serious commitment to independent work outside of class. Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September. Students taking this course may be eligible for credit in conjunction with the Rhode Island College Early Enrollment Program.** (SLE: A1, A2, C5)

SOUTH KINGSTOWN HIGH SCHOOL

Mathematics Department



SOUTH KINGSTOWN HIGH SCHOOL



Computer Science Pathway



App & Software Development Pathway Courses

- Introduction to Computer Science
- AP Computer Science Principles
- App & Web Programing
- Software Development
- Internship or Senior Project aligned to Pathway

Cyber Security Pathway Courses

- Introduction to Computer Science
- AP Computer Science Principles
- Cyber Security
- Internship or Senior Project aligned to Pathway

Industry Credential and Post-Secondary Credit Opportunities in Pathway

****12 URI Credits****

**** AP Credit through AP Computer Science Principles****

SOUTH KINGSTOWN HIGH SCHOOL

MATHEMATICS DEPARTMENT

The South Kingstown High School mathematics department believes that mathematics can and must be learned by all students. To accomplish this we have created an environment that has high expectations for all and provides needed support to students and their families. Teachers challenge all students to work to their highest potential and produce their best work. The Common Core State Standards (CCSS) are embedded in the curriculum for each math course defining what students should understand and be able to do in their study of mathematics.

Algebra 1, Geometry and Algebra 2 are the primary focus for the first three years of high school, continuing through College Math, Pre-Calculus and Calculus depending on a student's point of entry in 9th grade. In addition students may choose from a variety of electives offered. Mathematics teachers will make course recommendations based on which course is the most appropriate for each student to ensure his/her best opportunity for future success.

Algebra 1 11312 (1 credit) Grade 9

Prerequisite: Successful completion of 8th Grade Math.

The core concepts for Algebra 1 as outlined in the Common Core State Standards for Mathematics are covered. The topics include but are not limited to simplifying expressions and equations, solving equations and inequalities (linear and quadratic), writing equations (linear and quadratic), understanding functions, solving systems of equations and inequalities, modeling with linear, exponential, and quadratic functions, polynomial operations, factoring, and probability and statistics. Organization and communication skills are developed. Students will demonstrate orally and in writing what they have learned regarding conceptual understanding, problem solving, projects, and skills and communication. Students will produce evidence of meeting student expectations for their portfolios (SLE: A1).

Geometry 11322 (1 credit) Grades 9 - 10

Prerequisite: Successful completion of Accelerated Math 8 or Algebra 1.

The core concepts of Geometry as outlined in the Common Core State Standards for Mathematics are covered. Abstract geometric concepts are emphasized. Visualization and reasoning abilities are demonstrated through oral and written communications including formal proofs. Further development of algebra concepts and problem solving, communication, and organizational skills are reinforced. Students will demonstrate orally and in writing what they have learned regarding conceptual understanding, problem solving, projects, and skills and communication. Students will produce evidence of meeting student expectations for their portfolios (SLE: A1).

Project-Based Geometry 11325 (1 credit) Grade 10

Prerequisite: Successful completion of Algebra 1.

The core concepts of Geometry as outlined in the Common Core State Standards for Mathematics are covered. Abstract geometric concepts are emphasized. Visualization and reasoning abilities are demonstrated through oral and written communications including formal

SOUTH KINGSTOWN HIGH SCHOOL

proofs. Further development of algebra concepts and problem solving, communication, and organizational skills are reinforced. Students will demonstrate through projects, orally and in writing what they have learned regarding conceptual understanding, problem solving, and skills and communication. The instruction model in this class empowers students to become self-directed learners—they set goals for their learning, reflect on their progress and build habits and mindsets to help them succeed in college, career and life with mentorship from their teachers. Students engage with projects that connect the classroom to the real world. When students work in teams to apply what they're learning to projects that mimic and solve real-world problems, they develop strong collaboration, communication and critical thinking skills. This model set-up of this class will also allow students opportunities to earn honors credit if they complete additional focus areas assigned by the teacher.

Honors Geometry 11323 (1 credit) Grade 9

Prerequisite: Minimum grade of B+ in Accelerated Math 8 or A+ in Algebra 1 along with teacher recommendation.

The core concepts of Geometry as outlined in the Common Core State Standards for Mathematics are covered. Abstract geometric concepts are emphasized, enriched and extended. Visualization and reasoning abilities are demonstrated through oral and written communications including formal proofs. Further development of algebra concepts and problem solving, communication, and organizational skills are reinforced. Students will produce evidence of meeting student expectations for their portfolios (SLE: A1)

Intermediate Algebra 11334 (1 credit) Grades 11 - 12

This course is designed to bridge the gap between an Algebra 1 course and an Algebra 2 course. It is designed for students who require additional development in algebra before taking Algebra 2. Instruction will address gaps in prior knowledge and skills and allow time to develop a thorough understanding before moving on to new concepts. The course begins with a review of the basic principles of algebra before introducing more advanced topics. Topics include the real number system, fundamental operations, products, factoring, fractions, exponents, radicals, linear equations, quadratic equations and functions, exponential functions, graphs, inequalities and systems of equations and inequalities. Basic mathematical skills and learning strategies will be reinforced. Concepts will be taught with an emphasis on real life applications. Students will produce evidence of meeting student expectations for their portfolios (SLE: A1).

Enrollment in this course is contingent on standardized testing data, teacher recommendation and previous math grades.

Algebra 2 11332 (1 credit) Grades 10 - 12

Prerequisite: Successful completion of Geometry.

The core concepts of Algebra 2 as outlined in the Common Core State Standards for Mathematics are covered. The topics include but are not limited to: linear programming; complex numbers; properties of functions; polynomial, rational, radical, exponential, and logarithmic functions; statistics; and trigonometry. Abstract reasoning and modeling with functions are emphasized. Students will demonstrate orally and in writing what they have

SOUTH KINGSTOWN HIGH SCHOOL

learned regarding conceptual understanding, problem solving, projects, and skills and communication. Students will produce evidence of meeting student expectations for their portfolios (SLE: A1).

Honors Algebra 2 11333 (1 credit) Grade 10

Prerequisite: Minimum grade of B+ in Honors Geometry or A+ in Geometry and Algebra 1 along with teacher recommendation.

The core concepts of Algebra 1 are reinforced and extended to include such topics as families of functions, quadratics, trigonometry, complex numbers, conics, linear programming, sequences, series, polynomial functions, logarithms and matrices. Abstract algebra concepts, analysis and applications are emphasized, enriched and extended. Students will demonstrate orally and in writing what they have learned regarding conceptual understanding, problem solving, projects, and skills and communication. Students will produce evidence of meeting student expectations for their portfolios (SLE: A1).

College Algebra 11340 (1 credit) Grades 11 - 12

Prerequisite: Successful completion of Algebra 2.

This course reviews the basic principles of algebra before beginning an advanced study of the properties, graphs, transformations, and applications of various functions. The topics will include the study of linear and quadratic functions, higher degree polynomial functions, rational functions, exponential functions, logarithmic functions and trigonometric functions. Abstract algebra concepts and applications are emphasized. Students use graphing calculators to explore mathematical relationships and to solve problems. Students will produce evidence of meeting student expectations for their portfolios (SLE: A1). **Note:** A graphing calculator is suggested.

Pre-Calculus 11342 (1 credit) Grades 11 - 12

Prerequisite: Minimum grade of B in Algebra 2.

This course is appropriate for students who are considering further education in mathematics, business, science or engineering. It covers topics in advanced algebra, trigonometry and analytic geometry. Graphing calculators are used to explore mathematical relationships and to solve problems. Graphing calculators are recommended. Students will produce evidence of meeting student expectations for their portfolios (SLE: A1). **Note:** A graphing calculator is suggested.

Honors Pre-Calculus 11343 (1 credit) Grade 11

Prerequisite: Minimum grade of B+ in Honors Algebra 2 or A+ in Algebra 2 along with teacher recommendation.

This very rigorous course is appropriate for students who are planning to take Advanced Placement calculus and are considering further education in mathematics, business, science or engineering. It covers topics in advanced algebra, trigonometry, analytic geometry, and an introduction to calculus. Graphing calculators are used to explore mathematical relationships

SOUTH KINGSTOWN HIGH SCHOOL

and to solve problems. Students will produce evidence of meeting student expectations for their portfolios (SLE: A1). **Note:** A graphing calculator is suggested.

Probability and Statistics 11356 (Fall semester) (½ credit) Grade 12

Prerequisite: Successful completion of Algebra 2.

This is an introductory course that explores the world of probability and chance as well as the many practical applications of statistics. Projects incorporating simulations, experiments and data analysis will be part of the learning process. Technology is used for the analysis of current and relevant data. Students will produce evidence of meeting student expectations for their portfolios (SLE: A1). **Note:** A graphing calculator is suggested.

Discrete Math 11357 (Spring semester) (½ credit) Grade 12

Prerequisite: Successful completion of Algebra 2.

This course demonstrates how mathematics is applied in the real world through the investigation of contemporary topics in mathematics. Topics such as election theory, fair division, graph theory and matrices are explored. Applications to real-world situations will be emphasized throughout the learning process. Students will produce evidence of meeting student expectations for their portfolios (SLE: A1).

Advanced Placement Statistics 11355 (1 credit) Grade 11 - 12

Prerequisite: Minimum grade of B+ in Algebra 2.

This course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Four broad conceptual themes will be covered: (1) Exploring Data – Describing patterns and departures from patterns, (2) Sampling and Experimentation – Planning and conducting a study, (3) Anticipating Patterns – Exploring random phenomena using probability and simulation, (4) Statistical Inference – Estimating population parameters and testing hypotheses. Writing skills and reading comprehension will be emphasized in order to prepare students for the AP Exam. Students will produce evidence of meeting student expectations for their portfolios (SLE: A1). **Note:** A graphing calculator is suggested. **Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September.**

Calculus 11352 (1 credit) Grade 12

Prerequisite: Minimum grade of B in Pre-calculus or successful completion of Honors Pre-calculus.

This course includes topics in calculus using differentiation and integration of continuous polynomials, logarithmic, exponential and trigonometric functions. Related rates, area, volume and motion applications will be emphasized. Students will produce evidence of meeting student expectations for their portfolios (SLE: A1). **Note:** A graphing calculator is suggested.

Advanced Placement Calculus AB 11354 (1 credit) Grade 12

Prerequisite: Minimum grade of B in Honors Pre-calculus or A+ in Pre-calculus along with a teacher recommendation.

SOUTH KINGSTOWN HIGH SCHOOL

This course includes the specific topics outlined in the AP Calculus AB program including differentiation and integration of algebraic and trigonometric functions, logarithmic and exponential functions and applications, and plane curves. Students will produce evidence of meeting student expectations for their portfolios (SLE: A1). **Note: A graphing calculator is suggested. Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September.**

Advanced Placement Calculus BC 11353 (1 credit) Grade 12

Prerequisite: Minimum grade of B+ in Honors Pre-calculus.

This course includes the specific topics outlined in the AP Calculus BC program including differentiation and integration of algebraic and trigonometric functions, logarithmic and exponential functions and applications, plane curves and polar -coordinates, vectors and solid and analytic geometry, infinite series, complex numbers and introduction to differential equations. Students will produce evidence of meeting student expectations for their portfolios (SLE: A1). **Note: A graphing calculator is suggested. Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September.**

Advanced Placement Computer Science Principles 11368 (1 credit) Grades 10 - 12

Prerequisite: Successful completion of Intro to Computer Science.

This rigorous course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. It is meant to be an introduction to computer science for a wide, diverse, population of students to learn computational thinking. The course includes the “Big Ideas” of creativity with computing, algorithms, data analysis, and the impacts of computing on society. It is an excellent preparation for a career or college degree program in Computer Science. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and career. Students will produce evidence of meeting student expectations for their portfolios. (SLE: A1, A3) Students may be eligible to earn credit at the University of Rhode Island for successful completion of this course. **Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September. Successful completion of this course meets the graduation requirement for 1.0 credit in mathematics or a 1.0 credit in Technology – not both.**

Pathway Course **P**

APP and Web Programing 11365 (1 credit) Grades 11 - 12

Prerequisite: Successful completion of AP Computer Science Principles.

This course teaches students how to design and develop mobile applications on the Android platform. Students learn basic Java, which is also good for enterprise programming and college prep. They learn to program Android apps in Java using (free) materials from Udacity, videos

SOUTH KINGSTOWN HIGH SCHOOL

from the URI teaching staff, and readings from the (free) Android Developer Training document. Project based and conceptual assessments are used throughout the course.

Pathway Course **P**

Professional Software Development 11369 (1 credit) Grade 12 (Available starting 2019-2020)

Prerequisite: Successful completion of App and Web Programming

This course teaches students project management and software engineering. They work with an organization or community partner to specify, build, and market a software product (app or website). This is excellent preparation for a career or college degree program in Computer Science.

Pathway Course **P**

Math Skills Workshop 11303/11304 (½ credit - 1 semester each) Grades 9-12 Not for Mathematics Credit

This course is designed for students who are in need of further development of basic mathematical skills. Instructional time in this course will focus on closing skill gaps. Individualized student supports will be determined using diagnostic, formative and summative assessments results. Diagnostic software will be used to identify gaps and to design and implement individualized plans for each student in order to strengthen his/her mathematical foundation. Digital resources will assist in the differentiation of instruction and provide individualized learning activities. The focus of skills support will be to: reinforce essential skills; improve comprehension of selected concepts; and provide supplementary guided practice to increase the proficiency of students in their ability to use mathematical skills and concepts in problem solving. **Enrollment in this course is contingent on standardized testing data, teacher recommendation and performance in math courses.**

SOUTH KINGSTOWN HIGH SCHOOL

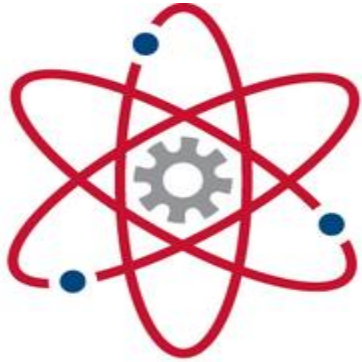
Science Department



SOUTH KINGSTOWN HIGH SCHOOL



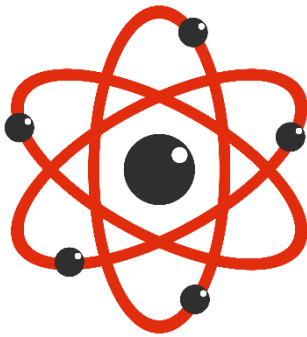
Project Lead The Way Biomedical Science Pathway



PROJECT LEAD THE WAY

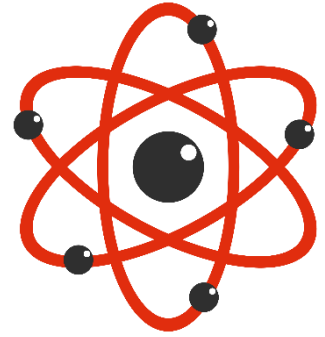
PLTW

Igniting imagination and innovation through learning



PLTW Biomedical Pathway Courses

- Principles of Biomedical Science
- Human Body Systems
- Medical Interventions
- Biomedical Innovation



Post-Secondary Credit Opportunities in Pathway

**** Students may be eligible to receive college credit from various Institutions****

SOUTH KINGSTOWN HIGH SCHOOL



Computer Science Pathway



App & Software Development Pathway Courses

- Introduction to Computer Science
- AP Computer Science Principles
- App & Web Programing
- Software Development
- Internship or Senior Project aligned to Pathway

Cyber Security Pathway Courses

- Introduction to Computer Science
- AP Computer Science Principles
- Cyber Security
- Internship or Senior Project aligned to Pathway

Industry Credential and Post-Secondary Credit Opportunities in Pathway

****12 URI Credits****

**** AP Credit through AP Computer Science Principles****

SOUTH KINGSTOWN HIGH SCHOOL



Health Careers Pathway



Certified Nurse Assistant (CNA)

Pathway Courses

- Biology or Honors Biology or Principles of Biomedical Science
- Human Anatomy and Disease
- CNA
- Internship or Senior Project aligned to Pathway



Other CNA Requirements

- 20 hrs at SC Hospital
- Passing Score on NNAAP exam

Allied Health Pathway Courses

- Biology or Honors Biology or Principles of Biomedical Science
- Human Anatomy and Disease
- CNA Course
- EMT Course
- Internship or Senior Project aligned to Pathway



Other Allied Requirements

- 20 hrs at SC Hospital
- 20 hrs at Charlestown Fire
- Passing Score on NNAAP

Emergency Medical Technician (EMT)

Pathway Courses

- Biology or Honors Biology or Principles of Biomedical Science
- Human Anatomy and Disease
- EMT
- Senior Project aligned to Pathway



Other EMT Requirements

- 20 hrs at Charlestown Fire & Rescue

Industry Credential Opportunities

****Certified Nursing Assistant (CNA) license from State of Rhode Island****

****Emergency Medical Technician (EMT) license from State of Rhode Island****

SOUTH KINGSTOWN HIGH SCHOOL

SCIENCE DEPARTMENT

The science department at South Kingstown High School recognizes the common core of learning - communication, problem solving, body of knowledge, and responsibility. We agree that all students graduating from South Kingstown High School will address the unifying concepts of: systems, cycles, models, habits of mind, and the nature of science. Students will understand the use and application of technology and its significance in the scientific world.

Core course selections are aligned with the Next Generation Science Standards (NGSS). All students must complete the following core science courses in order to demonstrate proficiency with the NGSS Performance Expectations: Earth and Space Science (Grade 9), Biology (Grade 10), and Chemistry (Grade 10 or 11). Course descriptions including the Pathway designation are part of an approved career and technical education pathway.

Freshmen will automatically be enrolled in Earth and Space Science unless they meet the criteria for placement in the accelerated course sequence or have opted to enter the biomedical pathway. The criteria includes Grade 8 testing results, course grades in English language arts, mathematics, and science, and Grade 8 science teacher recommendation. Incoming freshmen meeting the selection criteria may enter an accelerated sequence of science courses including Honors Biology (Grade 9), Honors Chemistry (Grade 10), and Honors Physics (Grade 10 or 11).

Students may elect to enter pathways in the science department. Current offerings include Certified Nursing Assistant, Emergency Medical Technician, or Biomedical Science (Project Lead The Way). Pathways in science have specific course sequences as shown on the course flowchart.

Earth and Space Science 11401 (1 credit) Grade 9

This course uses a contemporary approach to the study of Earth and space. Content includes exposure to geology, solar system astronomy, and extra-solar astronomy. Physical science principles are applied throughout the course. Students are responsible for the timely completion of laboratory reports and projects. Tools and technology are used to develop laboratory skills. A basic theme is the relevance of earth and space in everyday life. Understanding of basic mathematical concepts is recommended in order to apply higher order mathematical and problem solving techniques to scientific data. Students will have the opportunity to complete portfolio assignments in this course. This course is considered a laboratory science. (SLE: A1, A2)

Astronomy 11406 (½ credit) (1 semester) Grades 11-12

This course will provide students with an introduction to the concepts of modern astronomy, including the origin and history of the universe and solar system. Students will participate as citizen scientists and contribute to the field of astronomy by categorizing galaxies, searching for near-earth asteroids and locating new black holes. We will examine how the heavens have influenced human thought and action and look at how our understanding of Earth's place in the

SOUTH KINGSTOWN HIGH SCHOOL

universe has changed over time. The course will demonstrate how the laws of physics are used to reveal mysteries of the universe. Elementary physics and mathematics will be used to obtain both a qualitative and a quantitative understanding of astronomy. Spectroscopy, space technology, planetary motion, quasars, black holes, stellar evolution, measuring distances in space and the search for extraterrestrial life are among topics covered. Students will have the opportunity to complete portfolio assignments in this course. The course is considered a laboratory science. (SLE: A1, A2)

Meteorology 11480 (½ credit) (1 semester) Grades 11–12

This course is a study of the Earth's weather systems with an emphasis on atmosphere, global wind belts and pressure systems, and precipitation. The topics include: solar and terrestrial radiation; temperature; human comfort with regard to temperature; air pressure changes and humidity; storms; and the technology for monitoring weather. There will be a culminating project involving how weather affects humans in the economic, social, political, and environmental domains. Students will have the opportunity to complete portfolio assignments in this course. This course is considered a laboratory science. (SLE: A1, A2, A3)

Oceanography 11463 (½ credit) (1 semester) Grades 11-12

Oceans are the largest unexplored area of earth. This course will provide an introduction to biological, geological, physical and chemical oceanography. It will include the exploration of the geological structure of the ocean floor and mineral resources; paleoceanography; the chemical composition and properties of seawater and pollutants; the physical study of waves, tsunamis, tides and currents and the innumerable forms of life within the oceans. A variety of ocean ecosystems and the key role that oceans play in climate change, both now and in the geologic past, will be explored. This course will enable students to achieve scientific literacy with respect to the oceans and will provide a basis for understanding marine environmental and resource issues that affect their lives. Ocean technology and engineering will also be explored. Students have the opportunity to complete portfolio assignments in this course. The course is considered a laboratory science. (SLE: A1, A2)

Biology 11421 (1 credit) Grades 10-12

This course emphasizes the basic principles common to all living things, including how life is similar and related, as well as diverse, through the study of life at a molecular, cellular and organism levels. Topics include ecology, biochemistry, cell biology, genetics, and evolution. Information on careers in biology and health sciences is presented. There is a focus on laboratory investigation, scientific writing and problem solving. The course involves using lab data, mathematical computation and analysis. Students will have the opportunity to complete portfolio assignments in this course. This course is considered a laboratory science. (SLE: A1, A2)

Pathway Course **P**

SOUTH KINGSTOWN HIGH SCHOOL

Honors Biology 11420 (1 credit) Grades 9-12

This course emphasizes the basic principles common to all living things, including how life is similar and related, as well as diverse, through the study of life at a molecular, cellular and organism levels. Topics include ecology, biochemistry, cell biology, genetics, and evolution. Information on careers in biology and health sciences is presented. There is a considerable focus on laboratory investigation, scientific writing and problem solving. The course involves using lab data, mathematical computation and analysis. The purpose of this course is to provide students with an opportunity to practice greater in-depth analysis of Biology concepts. Extensive writing and reading, advanced mathematical calculations and additional inquiry opportunities will provide added rigor. Students will have the opportunity to complete portfolio assignments in this course. This course is recommended for those taking the SAT Subject Test in Biology. This course is considered a laboratory science. (SLE: A1, A2)

Pathway Course **P**

Project-Based Biology 11421PB Grade 10 (1 credit)

This course emphasizes the basic principles common to all living things, including how life is similar and related, as well as diverse, through the study of life at a molecular, cellular and organism levels. Information on careers in biology and health sciences is presented. There is a focus on laboratory investigation, scientific writing and problem solving. The course involves using lab data, mathematical computation and analysis. The instruction model in this class empowers students to become self-directed learners—they set goals for their learning, reflect on their progress and build habits and mindsets to help them succeed in college, career and life with mentorship from their teachers. Students engage with projects that connect the classroom to the real world. When students work in teams to apply what they're learning to projects that mimic and solve real-world problems, they develop strong collaboration, communication and critical thinking skills. This model set-up of this class will also allow students opportunities to earn honors credit if they complete additional focus areas assigned by the teacher.

Human Anatomy & Diseases 11452 (1 credit) Grades 11-12

The relationships between structure and function in the human body are studied in this course. This is accomplished through experimentation, examination of organs and comparison of systems. A survey of common diseases of the human body are addressed in this course. Topics of study include medical terminology, the nervous, skeletal, integumentary, digestive, cardiovascular, endocrine, vascular, respiratory and excretory systems, as well as the senses. This course is useful to students intending to pursue a career in the healthcare field. ***This course is required for those students enrolled in the CNA pathway.*** This course is considered to be a laboratory science. (SLE: A1, A2, A3)

Prerequisite: Successful completion of Biology 11421 or Honors Biology 11420.

Pathway Course **P**

Honors Anatomy & Physiology 11451 (1 credit) Grades 11-12

The relationships between structure and function in the human body are studied in this course. This is accomplished through experimentation, examination of organs, comparison of systems

SOUTH KINGSTOWN HIGH SCHOOL

and discussion and study of cellular and histological functions. Topics of study may include biological chemistry, the nervous, skeletal, digestive, cardiovascular, endocrine, vascular, respiratory and excretory systems, as well as the senses. Students' personal experiences related to disease and body malfunctions, careers in the science field and current events are incorporated into the study. Students will have the opportunity to complete portfolio assignments in this course. This course is useful to students intending to pursue a career in the healthcare field or planning on completing the SAT Subject Test in Biology. This course is considered to be a laboratory science. (SLE: A1, A2, A3)

Prerequisite: Biology 11421. Successful completion of Chemistry 11431 is strongly recommended.

Pathway Course **P**

AP Biology 11424 (1 credit) Grades 11-12

The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course. The course is designed to be taken by students after the successful completion of Honors Biology (with an A or B)/Biology (with an A) and Honors Chemistry (with an A or B)/Chemistry (with an A). Topics to be discussed include: energy transfer, evolution, relationship of structure to function, continuity and change, and regulation. All of these topics fall under the three general areas for the course: Molecules and Cells, Heredity and Evolution, and Organisms and Populations. AP Biology aims to provide a laboratory experience equivalent to that of a typical college course. This course is intended for students who have a strong interest in biology or who are considering a career in Biology. Students will have the opportunity to complete portfolio assignments in this course. **Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September.** (SLE: A1, A2)

Prerequisite: Students should have successfully completed Biology 11421 or Honors Biology 11420 and concurrent enrollment in Chemistry 11431 or Honors Chemistry 11432.

Honors Biotechnology: Laboratory Methods in Molecular Biology and Biotechnology 11428 (1 credit) Grades 11-12

This course provides students interested in pursuing a career in the medical and biological sciences with the basic knowledge and practical laboratory skills needed to construct a solid foundation for smooth transitioning to a university life science curriculum. The rapidly evolving science in the fields of cell and molecular biology is the result of our increasingly detailed understanding of how life works at the level of the molecule and gene. The focus of this course will be laboratory-based instruction in the basic tools and techniques of molecular biology. Students will learn sterile technique, how to make different media and solutions, tissue culture and plant propagation, applied staining protocols, correct use of the laminar flow hood, and statistical analysis of data. In addition, students will participate in laboratory experiences using essential laboratory technologies such as gel electrophoresis, spectrophotometer assays to quantify protein concentration, restriction enzyme analysis, western blot analysis of proteins, hydrophobic interaction chromatography, enzyme-linked immunosorbent assays to detect antigen and antibody levels, protein purification, transformation of *E. coli* with the green

SOUTH KINGSTOWN HIGH SCHOOL

fluorescent protein gene, and PCR (polymerase chain reaction) to locate specific nucleotide sequences within the human genome. Students will have the opportunity to implement the technical skills and knowledge they have acquired by designing, implementing, and evaluating an original research project on a relevant topic. **Successful completion of this course meets the graduation requirement for a .5 credit in technology.** (SLE: A1, A2, A3)

Prerequisite: Successful completion or concurrent enrollment in Chemistry 11431 or Honors Chemistry 11432

Environmental Biology 11461 (1 credit) Grades 11-12

This course is designed for students interested in a broad picture of the inner workings of nature and sustainability practices. Students will explore the environmental, social, and economic issues that affect the present and future health of our world. Experiential learning will include agriculture and a small mammal field study. Students will have the hands on opportunity to grow food. This will include gourmet mushrooms in winter and utilization of the SKHS greenhouse and garden beds in fall and spring to grow vegetables and ornamental plants. Course topics include: Earth's climate, major biomes of the world, ecosystem structure, environmental problems, food webs, population control, predator/prey relationships, biodiversity, and botany. The program is highly recommended for students interested in pursuing environmental studies in college. This course is considered a laboratory science. (SLE: A1, A2, A3)

AP Environmental Science 11458 (1 credit) Grades 11-12

NOTE: This course will be offered in academic years alternately with AP Chemistry 11433 with sufficient enrollment.

The AP Environmental Science course is equivalent to a one-semester introductory college environmental science course. The course is designed to be taken by students after successful completion of Biology and Chemistry. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study such as Earth Systems and Resources, The Living World, Population, Land and Water Use, Energy Resources and Consumption, Pollution and Global Change. Students will have the opportunity to complete portfolio assignments in this course. **Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September.** (SLE A1, A2)

Prerequisite: Students should have successfully completed Biology 11421 or Honors Biology 11420. Successful completion or concurrent enrollment in Chemistry 11431 or Honors Chemistry 11432. Due to the quantitative analysis required in the course, students should have successfully completed at least one year of algebra. Proficiency in earth science is also recommended.

SOUTH KINGSTOWN HIGH SCHOOL

Animal Behavior 11481 (½ credit) (1 semester) Grades 11-12

This course covers the behaviors employed by animals to facilitate their survival and improve their fitness. It designed to be taken by students after successful completion of Biology or Honors Biology. Topics to be covered are learning and instinct, animal migration, feeding behavior, reproduction and mating, parenting and social behavior. Concepts from genetics, natural selection and evolution will be applied to animal behavior. Current articles on animal behavior will be read and discussed, and laboratory activities will be conducted. A research project involving **independent field work** is required. Students will have the opportunity complete portfolio assignments in this course.

Prerequisite: Successful completion of Biology 11421 or Honors Biology 11420.

Experiencing the Natural World through Art & Science 11460 (Project Based Learning STEAM Course) - Oceans Edition (Semester 1) (½ credit) Grade 9-12

This is a project-based course that incorporates STEAM (Science, Technology, Engineering, Arts, and Mathematics) into the curriculum. Content work will be technology-based content modules that students can work through during the time interval of the course at their own pace. Students will be creating a fully developed work of art relating to Ocean themes. The first half of the course will focus on 2-D representations and the second half will focus on 3-D representations. Time will be spent in both the Art classroom and Science classroom to develop their global understanding of the topic. With the help of both the Science Teacher and the Art Teacher, students will shape their work into a final product that completely represents the breadth of their knowledge in the content area.

Pathway Course for 2019-2020

Experiencing the Natural World through Art & Science 11462 (Project Based Learning STEAM Course) - Woodlands Edition (Semester 2) (½ credit) Grade 9-12

This is a project-based course that incorporates STEAM (Science, Technology, Engineering, Arts, and Mathematics) into the curriculum. Content work will be technology-based content modules that students can work through during the time interval of the course at their own pace. Students will be creating a fully developed work of art relating to Forestry themes. The first half of the course will focus on 2-D representations and the second half will focus on 3-D representations. Time will be spent in both the Art classroom and Science classroom to develop their global understanding of the topic. With the help of both the Science Teacher and the Art Teacher, students will shape their work into a final product that completely represents the breadth of their knowledge in the content area.

Pathway Course for 2019-2020

Chemistry 11431 (1 credit) Grades 10-12

This is a laboratory course that meets the standards in preparation for further post-secondary science programs. Problems solving, concept building and reasoning skills are integral to this course. This involves interpretation of word problems; application of acceptable methods for solving problems along with hands-on lab experience. Emphasis will also be placed on critical thinking, use of tools and technologies, scientific communication, and scientific inquiry and

SOUTH KINGSTOWN HIGH SCHOOL

investigation, and alternate methods of assessment. Focus is placed on the quantitative as well as the qualitative analysis of problems and experimental evidence. Topics include Relationships between Matter and Energy, Properties and Classification of Matter, Atomic Structure, Electron Arrangement, Periodicity and the Periodic Table, Chemical Bonding, Reactions and Reaction types, Chemical Shorthand and Equations, Stoichiometry, and Gas Laws. The course employs physical science concepts, technology and applied standards from the New Standards. A strong mathematical foundation is recommended to ensure success in this course. Students will have the opportunity to complete portfolio assignments in this course. **This course (or Honors Chemistry 11432) is required to participate in the Rhode Island College Early Enrollment Credit Program when followed by enrollment in AP Chemistry 11433. This course meets the Mathematics Common Core State Standards (CCSS) to be considered a fourth year of mathematics.** This course is considered a laboratory science. (SLE: A1, A2, A3)

Honors Chemistry 11432 (1 credit) Grades 10-12

This is a laboratory course that meets the standards in preparation for further post-secondary science programs. The program focuses on greater depth and breadth of the concepts covered in Chemistry 431. Emphasis is placed on problem solving, concept building, critical thinking, scientific inquiry, and reasoning skills. These skills are accomplished by means of word problems, application of acceptable methods for solving problems, alternate assessment, and hands-on lab experience. The curriculum employs a strong commitment to an accurate, authoritative and comprehensive view of chemical principles. Topics include properties of matter, atomic theory, chemical reactions, periodicity and the periodic table, stoichiometry, thermochemistry, quantum theory, electron configuration, and chemical bonding. Students will have the opportunity to complete portfolio assignments in this course. A deep understanding of mathematical concepts and skills to apply mathematics in scientific context is strongly recommended for this course. **This course (or Chemistry 11431) is required to participate in the Rhode Island College Early Enrollment Credit Program when followed by enrollment in AP Chemistry 11433. This course meets the Mathematics Common Core State Standards (CCSS) to be considered a fourth year of mathematics.** This course is considered a laboratory science. (SLE: A1, A2, A3)

Prerequisite: Successful completion of Honors Biology 11420 with an A or B (or Biology 11421 with an A).

AP Chemistry 11433 (1 credit) Grades 11-12

NOTE: This course will be offered in academic years alternately with AP Environmental Science 11458 with sufficient enrollment.

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students in this course will attain a depth of understanding of fundamentals and reasonable competence in dealing with chemical problems. The course will contribute to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. Topics to be discussed are: the kinetic-molecular theory, liquids, solids and solutions, acid-base reactions and buffer systems, oxidation-reduction reactions, equilibrium, kinetics and thermodynamics, and organic chemistry.

SOUTH KINGSTOWN HIGH SCHOOL

AP Chemistry aims to provide a laboratory experience equivalent to that of a typical college course. This class is intended for students who have a strong interest in chemistry or are considering a career in the medical field, biology or engineering. Students will have the opportunity to complete portfolio assignments in this course. A college text is used in this course and this course is considered a laboratory science, as well. **Students taking this course are eligible for college credit in conjunction with the Rhode Island College Early Enrollment Program. This course meets the Mathematics Common Core State Standards (CCSS) to be considered a fourth year of mathematics. Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September.** (SLE: A1, A2, A3)
Prerequisite: Students should have successfully completed Chemistry 11431 or Honors Chemistry 11432 and Algebra 2 11332 or Honors Algebra 2 11333.

Honors Physics 11446 (1 credit) Grades 11-12

The fundamental goal of the course is to provide a mathematical and conceptual understanding of physics concepts. The program emphasizes the development of mathematical problem solving skills, along with laboratory techniques and computer skills. A strong background in algebra, geometry and introductory trigonometry is required. The course covers structure and function of matter, motion, forces, energy conservation and transfer, momentum, torque and power. Students will have the opportunity to complete portfolio assignments in this course. A final culmination of this course requires that students identify, manage, and carry out a curriculum-encompassing engineering project. **This course is considered a laboratory science. This course meets the Mathematics Common Core State Standards (CCSS) to be considered a fourth year of mathematics.**

Prerequisite: Successful completion of Algebra 2 11332 or Honors Algebra 2 11333.

AP Physics 1 11445 (1 credit) Grades 11-12

This introductory course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. It is the appropriate course selection for those students anticipating a university curriculum where science or technology might be considered. The fundamental goal of this course is to provide a conceptualization of the physical environment and utilizes a university text. Students will develop concepts in basic physics, but there is emphasis on mathematical problem solving skills and laboratory techniques. An integrated knowledge of algebra, geometry, and trigonometry is required. Students will have the opportunity to complete portfolio assignments in this course. A final culmination of this course requires that students identify, manage, and carry out a curriculum – encompassing engineering project. Successful completion of the course is required for future enrollment in AP Physics 2. This course is considered a laboratory science. **This course is required to participate in the Rhode Island College Early Enrollment Credit Program when followed by enrollment in AP Physics 2 11444. This course meets the Mathematics Common Core State Standards (CCSS) to be considered a fourth year of mathematics. Students who enroll in this AP course are**

SOUTH KINGSTOWN HIGH SCHOOL

required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September.

Prerequisite: Successful completion of Geometry 11322 or Honors Geometry 11323 and concurrent enrollment in Algebra 2 11332 or Honors Algebra 2 11333. It is strongly recommended that student have completed or are concurrently enrolled in Pre-Calculus 11342 or Honors Pre-Calculus 11343. Due to the sequential nature of the AP Physics courses, preference will be given to juniors who require this course as a prerequisite to taking AP Physics 2 11444.

AP Physics 2 11444 (1 credit) Grade 12

This advanced course considers traditional topics in physics beyond those in AP Physics 1 (11445) and represents a preparation targeted for further study in the physical sciences or in engineering at the university level. The fundamental goal of the course is to provide a further conceptualization of the physical environment. While still algebra-based, this course is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. Mathematical analysis of situations and problem solving are heavily stressed, and laboratory design techniques supplement this goal. A working knowledge of introductory calculus is important for success in this program. Students will have the opportunity to complete portfolio assignments in this course. This is a college program course, and students are expected to manage their own portfolios, final course projects, and their year-long performance. This course is considered a laboratory science. **This course meets the Mathematics Common Core State Standards (CCSS) to be considered a fourth year of mathematics. Students taking this course are eligible for college credit in conjunction with the Rhode Island College Early Enrollment Program. Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September.**

Prerequisite: Completion of AP Physics 1 11445 and concurrent enrollment in Pre-Calculus 11342 or Honors Pre-Calculus 11343 or a higher level math course.

AP Physics C 11443 (1 credit) Grade 12

This course is a calculus-based course, which follows the AP Physics 1 course (11445). This course represents preparation targeted for further study in the physical sciences or in engineering at the university level. The fundamental goal of the course is to provide a further conceptualization of the physical environment. Each semester is equivalent to a one-semester, calculus-based, college-level physics course. The first semester of the course covers mechanics; the second semester of the course covers electricity and magnetism. Mathematical analysis of situations and problem solving are heavily stressed, and laboratory design techniques supplement this goal. Introductory differential and integral calculus is used throughout this program. Students will have the opportunity to complete portfolio assignments in this course. This is a college program course, and students are expected to manage their own portfolios, final course projects, and their year-long performance. This course is considered a laboratory science. **This course meets the Mathematics Common Core State Standards**

SOUTH KINGSTOWN HIGH SCHOOL

(CCSS) to be considered a fourth year of mathematics. Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September.

Prerequisite: Successful completion of AP Physics 1 11445 and concurrent enrollment in Calculus 11352, AP Calculus AB 11354, or AP Calculus BC 11353.

Introduction to Computer Science 11465 (½ credit) (1 semester) Grades 9-12

This is a course for all students (not just those interested in computer science as a career) that introduces computer programming in a creative way and provides the computational thinking skills of programming, algorithm development, and data analysis that can be used in other classes, such as NGSS science classes. Students will produce evidence of meeting student expectations for their portfolios (SLE: A1, A3). **Successful completion of this course meets the graduation requirement for .5 credit in Science or a .5 credit in Technology - not both.**

Prerequisite: None

Pathway Course **P**

Cybersecurity 11490 (½ credit) (1 semester) Grades 9-12

Overview of the technical background required to provide solutions to many cyber security problems. This background includes: binary/hex number systems, operating systems concepts, file systems, OSI model, network topologies and protocols. The material will be presented in the context of its necessity for providing cyber security solutions. Students may be eligible to earn 4 credits at the University of Rhode Island for successful completion of this course.

Course Goals:

- To introduce students to basic cyber security concepts.
- To provide students with hands-on practice with fundamental cybersecurity practices.
- To prepare students to, with some further study, take the A+ Certification exam if they choose to.
- To prepare students for more advanced cyber security and digital forensics courses.
- Specific learning outcomes are listed in each lesson under the Curriculum.

Successful completion of this course meets the graduation requirement for .5 credit in Science or a ½ credit in Technology - not both.

Prerequisite: None

Pathway Course **P**

Certified Nurse Assistant (2 credits) (1 year, 2 periods) Grade 11, 12 Science 11470 1.5 Credit

CNA Health/Physical Education 11472 ½ Credit

The CNA course will prepare students to learn about the patient care in nursing facilities, patient homes and hospitals.

Upon successful completion of this high school Nursing Assistant training program, the candidate will know and be able to:

SOUTH KINGSTOWN HIGH SCHOOL

1. Assist patients/residents with Activities of Daily Living (ADLs) including personal hygiene, dressing and grooming, nutrition and hydrations, elimination, rest/sleep/comfort;
2. Perform basic nursing skills including, following infection control and safety/emergency procedures/practices, therapeutic/technical procedures, data collection and reporting;
3. Assist patients/residents with restorative care skills;
4. Assist patients/residents with emotional and Mental Health needs;
5. Communicate with medical personnel and patients;
6. Abide by client's rights, legal and ethical behaviors;
7. Be an active member of the healthcare team;
8. Provide care that meets spiritual and cultural needs.

Students may be expected to complete the required fieldwork experience outside of their school day

Credentials

The CNA program at SKHS comprises of a total of 233 hours between classroom and clinical internship before the student is allowed to take the state certification exam. Successful completion of coursework and field work offered through this course will prepare students to take the Rhode Island Certified Nursing Assistant (CNA) license secured by successfully passing a written exam/skills evaluation with an associated cost of \$99.00. *A student is allowed one (1) year from the date you began your nursing assistant training program to pass the nursing assistant examination. If you do not pass the NNAAP Examination within the 1-year training period or have failed the examinations three (3) times, candidate is required to re-train in program.

Other credentials included within the training course:

BLS for the healthcare provider CPR

Credits

Successful completion of this course will allow students to gain 0.25 credits in health, 0.25 credits in PE and 1.5 credit in Science

Career Connections

Benefits of this level of achievement in job market: Many CNAs use their knowledge and training as a stepping-stone toward becoming a medication aide, Licensed Practical Nurse, Registered Nurse, or enroll in a pre-medicine program. Frequently candidates complete an accredited medication course and become medication aides/CNAs in long-term care facilities.

Job Outlook - Employment of nursing assistants and orderlies is projected to grow 17 percent from 2014 to 2024, much faster than the average for all occupations. Because of the growing elderly population, many nursing assistants and orderlies will be needed to assist and care for these patients.

SOUTH KINGSTOWN HIGH SCHOOL

Pay – The most recent Rhode Island Labor Market Information for this profession dates from May 2015 and the entry-level wage for nursing assistants and orderlies at that time was \$25,022.00 (\$12.03 per hour).

This course is considered a lab science.

Pathway course **P**

Emergency Medical Technician (2 credits) (1 year, 2 periods) Grade 12

Science 11480 1.5 Credit

EMT Health/Physical Education 11482 ½ Credit

In this course students will complete 233 hours of EMT training which comprises of all related coursework and fieldwork experience. This training prepares students to take the NREMT computer based certification exam along with a NREMT Based practical skills exam required in order to become a licensed EMT in Rhode Island. The exam has an associated cost of approximately \$80. Once licensed the individual may work in both the public and private EMS setting. The EMT is considered the entry level provider to work on an ambulance or rescue in RI. At SKHS the EMT candidate will receive training in the required curriculum for the course, but will also receive; certification in emergency vehicle operations for ambulances, Supra-glottic airway management, and continuous positive airway pressure (CPAP), advanced pharmacology and Rhode Island Pre-hospital Care Protocols. Students may be expected to complete the required fieldwork experience outside of their school day

Credentials

The students, who wish to become a skilled EMT in Rhode Island, have to go through an EMT training program and may have to provide a Bureau of Criminal Identification (BCI) report. Students must be 18 years old with a high school diploma.

Other Credentials included within the training course:

BLS for the Healthcare provider
Incident Command System 100
Incident Command System 200
National Incident Management System 700
National Incident Management System 800
AWR-160 (terrorism awareness)

Credits

Successful completion of this course will allow students to gain 0.25 credits in health, 0.25 credits in PE and 1.5 credit in Science

Job Outlook

The estimated number of Emergency Medical Technicians and Paramedics employed in Rhode Island in 2014 was 660. It is projected that in 2024 there will be 734. This represents an annual

SOUTH KINGSTOWN HIGH SCHOOL

average growth rate of 1.1% percent, faster than the percent growth rate for all occupations in Rhode Island.

Pay The most recent State Occupational Employment Statistics (OES) survey estimates that the Mean hourly wage for Emergency Medical Technicians and Paramedics in Rhode Island, in 2016 was \$18.18.

This course is considered a lab science.

Pathway course **P**

Principles of Biomedical Science 11475 (1 credit) Grade 9

In the introductory course of the Project Lead the Way (PLTW) Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

This course is considered a lab science.

Pathway course **P**

Human Body Systems 11476 (1 credit) Grade 10 (available starting 2019-2020 school year)

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

This course is considered a lab science.

Pathway course **P**

Medical Interventions 11477 (1 credit) Grade 11 (available starting 2020-2021 school year)

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

This course is considered a lab science.

Pathway course **P**

SOUTH KINGSTOWN HIGH SCHOOL

Biomedical Innovation 11478 (1 credit) Grade 12 (available starting 2021-2022 school year)

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution.

This course is considered a lab science.

Pathway course **P**

SOUTH KINGSTOWN HIGH SCHOOL

Social Studies Department



SOUTH KINGSTOWN HIGH SCHOOL



Criminal Justice, Law & Courts Pathway



Criminal Justice, Law & Courts Pathway Courses

- Criminal Justice (American Legal System)
- Understanding Business & Personal Law
- Civics and Law (American Government)
- Internship or Senior Project aligned to Pathway

Experiential and Internship Opportunities in Pathway

Possible opportunities for students includes working with the SKPD, Washington County courts, and the University of Rhode Island police department.

SOUTH KINGSTOWN HIGH SCHOOL



Sports Marketing Pathway



Sports Marketing Pathway Courses

- Sports Marketing I (Business)
- Sports in American Society (Social Studies)
- Sports Marketing II (Business)
- Intro to Business (Business) OR Advanced Writing: Sports & Feature Writing (English)
- Internship or Senior Project aligned to Pathway

Experiential and Internship Opportunities in Pathway

Possible opportunities for students include working with the University of Rhode Island, The Ocean State Waves baseball team, and SKHS Athletics.

SOUTH KINGSTOWN HIGH SCHOOL

SOCIAL STUDIES DEPARTMENT

By focusing on the record of human experience, students will evaluate how individuals and societies have resolved their problems, as well as examine the consequences of the decisions and choices made by previous communities and societies. The ever-changing political, social, and economic forces that exist in our local, state, national and global communities require a comprehensive and challenging social studies program. As a result of their educational experience students will confidently address the challenges they face with a deeper understanding of the alternatives and consequences of their decisions.

Western Civilization 11500 (1 credit) Grades 9- 12

This course will cover the events and personalities that shaped the history of Europe from the ancient to early modern times. Through an examination of the development of nation-states, evolutionary and revolutionary movements, and global conflict, students will understand the relevance of the past to the present. Students in this course will be responsible for primary and secondary source reading materials and an in-depth analysis of historical events. The successful completion of a performance-based common task will be required of all students.

Honors Western Civilization 11501 (1 credit) Grades 9-12

This course will cover the same material as Western Civilization; however, students in this course will be expected to do more in-depth analysis of historical events/documents.

Additionally, the focus will be on extensive writing, research and critical presentation.

Prerequisite: Students must meet all placement criteria.

AP European History 11505 (1 credit) Grades 10-12

This course reflects the content of an introductory college course in European History as outlined by the Advanced Placement program. AP European History focuses on developing students' abilities to think conceptually about European history from approximately 1450-the present and apply historical thinking skills as they learn about the past. Five themes of equal importance-Interaction of Europe and the World, Poverty and Prosperity, Objective Knowledge and Subjective Visions, States and Other Institutions of Power, and Individual and Society-provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. **Students are responsible for completing a summer reading assignment. Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September.** (SLE: A1, A2, C5, C6, S7)

Prerequisite: Successful completion of Honors Western Civilization or Western Civilization.

Honors Global Studies 11520 (1 credit) Grades 10-12

This course is designed to give students an overview of the world's major cultural regions - Sub-Saharan Africa, South and East Asia, Latin America and the Middle East. Material pertaining to

SOUTH KINGSTOWN HIGH SCHOOL

historical, geographical, social and political issues will be covered. Current events, focusing on modern day problems and global interdependence, are emphasized. Students are required to develop their oral and written skills through discussion, projects or reports and successfully participate in class debates and presentations. Students will have the opportunity to participate in Honors International Relations activities. (SLE: A1, A2, C5, C6, S7)

Prerequisite: Successful completion of Honors Western Civilization or Western Civilization.

Global Studies 11521 (1 credit) Grades 10-12

This course is designed to provide students with an overview of the world's major cultural regions by using political, economic and physical geography concepts. The regions to be discussed include: Sub-Saharan Africa, South and East Asia, Latin America and the Middle East. Current events, focusing on modern day problems and global interdependence, will be emphasized. Students will have the opportunity to participate in Honors International Relations activities. (SLE: A1, A2, C5, C6, S7)

Project-Based Global Studies 11521PB (1 credit) Grades 10-12

This course is designed to provide students with an overview of the world's major cultural regions by using political, economic and physical geography concepts. The regions to be discussed include: Europe, Sub-Saharan Africa, South and East Asia, Latin America and the Middle East. Current events, focusing on modern day problems and global interdependence, will be emphasized. The instruction model in this class empowers students to become self-directed learners—they set goals for their learning, reflect on their progress and build habits and mindsets to help them succeed in college, career and life with mentorship from their teachers. Students engage with projects that connect the classroom to the real world. When students work in teams to apply what they're learning to projects that mimic and solve real-world problems, they develop strong collaboration, communication and critical thinking skills. This model set-up of this class will also allow students opportunities to earn honors credit if they complete additional focus areas assigned by the teacher.

Criminal Justice (*formerly American Legal System*) 11535 (1 credit) Grades 10-12

This course introduces students to the justice system of the United States. Students will examine how laws are made, implemented and enforced. Students will understand criminal law, civil law, and juvenile law and study different careers in the criminal justice fields. Students will further gain an understanding of individual rights, ethics, forensic analysis, law enforcement duties and the role of the courts and prison system. (SLE: A1, A2, C5, C6, S7)

Pathway course **P**

AP United States History 11540 (1 credit) Grades 11-12

This course reflects the content of an introductory college course in U.S. History as outlined by the Advanced Placement program. It is designed to provide students with the analytical skills and factual knowledge necessary to critically analyze the problems and materials in U.S. History. Students will assess historical materials and analyze the evidence and interpretations presented in historical scholarship. The major themes include American diversity and identity,

SOUTH KINGSTOWN HIGH SCHOOL

culture, demographic changes, economic transformations, environment, globalization, politics and citizenship, reform, religion, slavery, war and diplomacy. **Students are responsible for completing a summer reading assignment. Students who enroll in this AP course are required to complete the appropriate AP exam in May. Successful completion of this course meets the US History requirement for graduation. Payment for the exam will be required during the first weeks of school in September.** (SLE: A1, A2, C5, C6, S7)

Prerequisite: Two credits in Social Studies.

Themes in United States History 11546 (1 credit) Grades 11-12

Focusing on a variety of thematic strands in American history from its inception to the present, students will examine the political, social and economic forces responsible for shaping our history. Students will develop their critical thinking skills through the thematic study of our nation's development. In this manner students would be able to engage in a more thorough study of particular topics such as civil rights, immigration, etc. throughout the course of US History. By studying documents and text relevant to the topic, students will be able to scaffold historical knowledge from one era to the next as well as make deeper connections to a particular topic. An emphasis will be placed on historical writing and document based analysis of US seminal text. Students will be able to follow themes from the past into the present multiple times throughout the course of the year. The successful completion of a performance-based common task will be required of all students. **Successful completion of this course or United State History 11541 is required for graduation.** (SLE: A1, A2, C5, C6, S7)

United States History 11541 (1 credit) Grades 11 - 12

This course will primarily focus on American history from the turn of the 20th century to the present. Students will examine the political, social and economic forces responsible for shaping our history. Students develop an ability to evaluate documents/historical evidence and to read history critically through the chronological study of our country's development. The successful completion of a performance-based common task will be required of all students. **Successful completion of this course or United State History 11546 is required for graduation.** (SLE: A1, A2, C5, C6, S7)

Honors International Relations 11580 (1 credit) Grade 12

This course is devoted to a survey of the contemporary international community and will examine political, environmental, economic and military affairs around the world. Students will research these areas and debate in simulations and examine problem-solving practices for dealing with complex issues. All students will serve as a steering committee for The Institute for Public Policy Research and Discourse and develop a series of lectures and expert panel discussions throughout the second semester. (SLE: A1, A2, C5, C6, S7)

Prerequisite: Successful completion of Global Studies or Honors Global Studies.

SOUTH KINGSTOWN HIGH SCHOOL

Civics and Law (formerly American Government) 11560 (1 semester) (½ credit) Grades 10-12

This course provides a thorough study of the U.S. Constitution and Bill of Rights, with the purpose of understanding the roles and responsibilities of the three branches of the federal government and the role of the citizen in our democratic-republic. A historical review of political parties, elections, and voting behavior is included. Students develop an understanding of federal, state and local political organizations and powers. Contemporary issues in government will assist in the study of the American political system.

(SLE: A1, A2, C5, C6, S7)

Pathway course **P**

American Military History 11571 (1 semester) (½ credit) Grades 10-12

This course will survey the various wars and conflicts the United States has been engaged in. Students will analyze and discuss the reasons for, the impact of, and the long-term effects of America's military history. The course will examine the role our military history has had in the development of our country. The course will also consider the importance of military strategy, political and military leadership, geography, weather and climate, technology, media and public support of our military. Students are required to act as historians in analyzing and interpreting historical events, documents, speeches, and decisions. (SLE: A1, A2, C5, C6, S7)

Anthropology 11547 (1 semester) (½ credit) Grades 10-12

This course is an overview of the biological and cultural evolution of humans from prehistoric through modern times. A variety of artifacts will be used to assist students in understanding the value of learning from objects of the past through careful investigation. Students will learn the discipline of anthropology and gain a perception of how artifacts can be studied to gain greater knowledge of the past. From there students will use their knowledge of artifacts to uncover various aspects of human life. (SLE: A1, A2, C5, C6, S7)

The Black Experience 11575 (1 semester) (½ credit) Grades 11-12

This course is designed to provide an extensive study of Black Americans in the United States. Using primary and secondary source material, this course will examine the history and contemporary issues of Black America. The study of Black leaders, culture, achievements, challenges and tragedies are important in gaining a true understanding of our Black community. (SLE: A1, A2, C5, C6, S7)

Comparative Religions 11565 (1 semester) (½ credit) Grades 10-12

This course is an introduction to and study of Eastern religions (Buddhism, Taoism and Islam), as well as how those philosophies compare with Western religions and beliefs (Christianity, Judaism, and Native Americans). This course will provide the basis for student understanding and appreciation for the beliefs and values of various cultures and people in our global community. (SLE: A1, A2, C5, C6, S7)

SOUTH KINGSTOWN HIGH SCHOOL

AP Macroeconomics 11569 (1 credit) Grades 11-12

This course reflects the content of an introductory college course in Macroeconomics as outlined by the Advanced Placement program. The purpose of the AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. **Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September.** (SLE: A1, A2, C5, C6, S7)

Prerequisite: Two credits in Social Studies.

Economics 11570 (1 semester) (½ credit) Grades 11-12

This course is a study of economic concepts such as markets, supply and demand, the measurement of economic activity, government finance and fiscal policy, banking, and international trade and finance. Students will practice their analytical skills and apply economic principles to practical situations. (SLE: A1, A2, C5, C6, S7)

History of the Native American 11574 (1 semester) (½ credit) Grades 10-12

This course is designed to provide an extensive study of Native American history. Using primary and secondary resources, this course will examine the history and contemporary issues of American Indians in the United States. Native American culture and way of life, past and present, are examined in order to fully understand and appreciate the legacy of America's native people. (SLE: A1, A2, C5, C6, S7)

The Holocaust and Human Behavior 11563 (1 semester) (½ credit) Grades 11-12

Through a historical and sociological study of the Holocaust of Nazi Germany, students will examine prejudice, racism, and anti-Semitism. By tracing the historical roots of the events that led to the Holocaust and other examples of genocide, students will make the connection between history and the moral choices they confront in their own lives. Students will confront the moral questions inherent in the study of racism, anti-Semitism, and violence by understanding the value of courage, caring and compassion in dealing with these issues. (SLE: A1, A2, C5, C6, S7)

AP Human Geography 11548 (1 credit) Grades 11-12

AP Human Geography presents high school students with the curriculum equivalent of an introductory college level course in human geography or cultural geography. Content is presented thematically rather than regionally and is organized around the discipline's main subfields; economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today. Historical information serves to enrich all world regions, with an emphasis on understanding the world in which we live

SOUTH KINGSTOWN HIGH SCHOOL

today. Historical information serves to enrich analysis of impacts of phenomena such as globalization, colonialism, and human-environment relationships on places, regions, cultural landscapes, and patterns interaction. **Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September.**

(SLE: A1, A2, C5, C6, S7)

Prerequisite: Two credits in Social Studies.

Music and American Society 11586 (1 semester) (½ credit) Grades 10-12

This course is a survey of late 19th and 20th century American music. Students will study music as a cause and effect of the social, economic and political trends of this country. Students will also study the evolution of American musical genres throughout the 20th century and various musical artists and performances. Writing assignments and a research project are required. Students committed to a serious inquiry of this subject are best suited for this course. (SLE: A1, A2, C5, C6, S7)

AP Psychology 11556 (1 credit) Grades 11-12

This course reflects the content of an introductory college course in Psychology as outlined by the College Board Advanced Placement program. AP Psychology is an introduction to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. **Students are responsible for completing a summer reading assignment. Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September.** (SLE: A1, A2, C5, C6, S7)

Prerequisite: Two credits in Social Studies.

Psychology 11555 (1 semester) (½ credit) Grades 10-12

This course is an introduction to the study of human behavior. Students will examine the areas of personality development, learning, intelligence, emotions, motivation, and mental health. Both traditional and contemporary ideas and attitudes regarding these and other topics will be explored. This course includes the use of primary source materials, supplemental readings and activity-based instruction. (SLE: A1, A2, C5, C6, S7)

Public Issues Forum 11545 (1 semester) (½ credit) Grades 10-12

The focus of this course includes the domestic and international issues that America currently faces. Contemporary political, economic and cultural topics will be explored as they pertain to the environment and technology. Students are required to complete various written reports and orally present their work to their school community. Readings and activities will be interdisciplinary in nature, to include contemporary music, writings by naturalists, poets, scientists, cultural critics and historians versed on the environment and technology. (SLE: A1, A2, C5, C6, S7)

SOUTH KINGSTOWN HIGH SCHOOL

Rhode Island History 11588 (1 semester) (½ credit) Grades 10-12

This course will seek to highlight the historical, cultural and economic development of the Town of South Kingstown and the State of Rhode Island. Topics will include settlement, industrialization, immigration, political history, geography, local history and Narragansett Bay. Students will perform several oral presentations and classes will debate many of the major topics both past and current in our state. A major travel research project is required as part of the Comprehensive Course Assessment. (SLE: A1, A2, C5, C6, S7)

Sociology 11550 (1 semester) (½ credit) Grades 10-12

This course deals with the means by which people relate to one another as members of groups. Areas of study include cultural variation and change, social interaction, social stratification and socialization. Students will be introduced to a number of current social issues, including education, poverty, gender, healthcare, aging, crime and diversity. Successful completion of this course will include a semester-long community service experience, an end of the semester presentation and reflection. Portfolio opportunities will be provided throughout the semester. (SLE: A1, A2, C5, C6, S7)

Sports in American Society 11587 (1 semester) (½ credit) Grades 10-12

This course will focus on the evolving role of sports in American society. Students will examine the history of sports and its relationships with race, gender, economics, and politics in the United States. Additional topics will include social pressures, drug abuse, violence, and careers in sports. Students will conduct historical research and apply their analytical and interpretation skills in order to evaluate primary and secondary documents. (SLE: A1, A2, C5, C6, S7)

Pathway course **P**

VIDEOGRAPHY (Not for Social Studies credit)

Videography 11590 (1 semester) (½ credit) Grades 11-12

This course teaches the skills in basic digital video editing, camera operation, software and both pre- and post- production technology. Students will produce their own programming for school-related and community-related activities for presentation. (SLE: A3)

Advanced Videography 11595 (1 semester) (½ credit) Grade 11-12

This course further develops the digital video skills using high-definition cameras and software with an emphasis on script writing, story development and a more demanding production schedule. (SLE: A3)

Prerequisite: Successful completion of Videography 11590

SOUTH KINGSTOWN HIGH SCHOOL

Special Education Department



SOUTH KINGSTOWN HIGH SCHOOL

SPECIAL EDUCATION DEPARTMENT

The School Based Evaluation Team determines student eligibility based on formal evaluations and a review of current academic and behavioral performance. If the student is determined eligible for specialized services, an educational and behavioral program is established to meet the student's individual needs. A continuum of services is provided to address education and behavioral needs. **Enrollment in the following courses is determined by the Evaluation Team.**

ENGLISH COURSES

English C-9 11006 ESSENTIAL QUESTION: Who will I be?

In this course, students explore topics and themes in literature below, through a variety of genres (short story, novel, non-fiction, poetry, and drama), with an emphasis on comprehension, inference, literary analysis, and communication skills. This course also provides a structured review, foundation, and application of grammatical principles, vocabulary, spelling, and composition skills. Course requirements include one oral presentation. The comprehensive course assessment for this class is a literary response essay on one of the course's core texts. Students are expected to maintain a list of reading materials that they read throughout the year.

English C-10 11007 Grade 10 ESSENTIAL QUESTION: What is a community?

This English course meets the unique needs of tenth graders by building upon reading comprehension strategies by further developing the writing process. Students analyze setting, character, plot, symbols, structure, point of view, tone, and theme. Students will demonstrate mastery of 5 paragraph essay format with expanded introduction and expanded conclusion applying to literature and information text. Students contribute to building their portfolio by including tasks that reflect the growth of their own literacy, in accordance with course standards. In addition, the class supports the development of listening and speaking skills in informal situations, and gives students opportunities to practice formal speech. Integrated experiences in speaking, listening, viewing, reading, writing, and using technology provide the framework for independent learning and cooperative, small group interaction. The comprehensive course assessment for this class is a literature-based persuasive composition. Students are expected to maintain a list of reading materials that they read throughout the year.

English C-11 11008 (1 credit) Grade 11 ESSENTIAL QUESTION: What is culture?

This course is a survey of European, American, and world literature from ancient through modern times, supplemented by the study of the fine arts of each time period. Course materials and teaching strategies specifically focus on developing skills in organization, note-taking, reading comprehension, writing, and critical thinking. Students will be required to incorporate research data into an original student-generated thesis, documenting sources, and following accepted academic style for research essays (MLA format). Students will demonstrate an understanding of various forms of writing and be given the opportunity to contribute these written tasks to their portfolio. The comprehensive course assessment for this class is a fully-

SOUTH KINGSTOWN HIGH SCHOOL

documented research essay on a Humanities-related topic. Students are expected to maintain a list of reading materials that they read throughout the year.

English C -12 11009 (1 credit) Grade 12 ESSENTIAL QUESTION: What have I become?

Students will read several contemporary and historical autobiographies and study varying themes and techniques common to memoir-writing. At the same time, student will create their own autobiographies/memoirs. Students will write clearly and persuasively in response to literature and be given the opportunity to contribute these written tasks to their portfolio. Students are encouraged to reflect on their reading and writing efforts, and monitor their own progress, while making choices about their own literacy. Integrated experiences in speaking, listening, reading, writing and technology provide the framework for independent learning and cooperative, small group interaction. The comprehensive course assessment for this class is a fully-documented research assignment. Students are expected to maintain a list of reading materials that they read throughout the year.

Skills Development (1 credit) Grades 9-12

This program meets the unique needs of students by providing instruction for academic, behavioral and transitional needs. Specialized instruction is focused on individual needs and skill development.

Developmental Life Skills Grades 9-12

Students enrolled in this program will have the opportunity to obtain the following Rhode Island Department of Education certificates:

- Certificate of Academic Achievement (based on achievement of the Rhode Island Alternate Assessments and other PBGR requirements)
- Certificate of Work Readiness
- Certificate of Community and Citizenship
- Certificate of Self-Determination.

The focus of the program is on developing and improving independence in the areas of academic skills, vocational skills, communication skills, daily living skills, and social behavior. Experiences promoting pre-vocational and vocational skills are available in the school setting. Students have the opportunity to participate in the Rebel Café, which enables them to develop pre-employment skills through monitoring supplies, developing and applying math, and communication skills, as well as demonstrating appropriate behavior and social interaction with peers and school personnel. Academic goals are aligned with the Alternate Assessment Grade Span Expectations in reading, mathematics, science, and writing. Students enrolled in these classes will participate in the Rhode Island Alternate Assessment program.

SOUTH KINGSTOWN HIGH SCHOOL

Health and Physical Education Department



SOUTH KINGSTOWN HIGH SCHOOL



Health Careers Pathway



Certified Nurse Assistant (CNA)

Pathway Courses

- Biology or Honors Biology or Principles of Biomedical Science
- Human Anatomy and Disease
- CNA
- Internship or Senior Project aligned to Pathway



Other CNA Requirements

- 20 hrs at SC Hospital
- Passing Score on NNAAP exam

Allied Health Pathway Courses

- Biology or Honors Biology or Principles of Biomedical Science
- Human Anatomy and Disease
- CNA Course
- EMT Course
- Internship or Senior Project aligned to Pathway



Other Allied Requirements

- 20 hrs at SC Hospital
- 20 hrs at Charlestown Fire
- Passing Score on NNAAP

Emergency Medical Technician (EMT)

Pathway Courses

- Biology or Honors Biology or Principles of Biomedical Science
- Human Anatomy and Disease
- EMT
- Senior Project aligned to Pathway



Other EMT Requirements

- 20 hrs at Charlestown Fire & Rescue

Industry Credential Opportunities

****Certified Nursing Assistant (CNA) license from State of Rhode Island****

****Emergency Medical Technician (EMT) license from State of Rhode Island****

SOUTH KINGSTOWN HIGH SCHOOL

HEALTH AND PHYSICAL EDUCATION DEPARTMENT

HEALTH EDUCATION

Health 1 - 11905 – Freshmen (3rd quarter) (1/4 credit) Grade 9

Students will understand that responsible decision-making, the development of healthy relationships, the management of stress and the complex emotional states of adolescence, adaptation to change throughout life and knowing when to seek help, manifest the level of one's mental health. Topics covered include: relationship violence, sexual harassment, non violence, mental health, Too Good for Drugs, suicide (SOS), nutrition, and HIV/AIDS. (SLE 7)

Health 2 – 11906 – Sophomores (1st quarter) (1/4 credit) Grade 10

Students will gain an understanding of those elements inherent in healthy sexual development and maturation, including family communication, relationships, sexual identity, human sexual response cycle and sexual decision-making. Topics covered include: sex and family life, STD/HIV and disease prevention, abstinence and contraceptive methods, and relationships/violence. (SLE 7)

Health 3 – 11907 – Juniors (2nd quarter) (1/4 credit) Grade 11

Students will acquire knowledge to enhance their ability to practice health-enhancing behaviors and reduce health risks. Topics include: HIV/AIDS, aging, death and dying, body images, sex without consent, and drinking and driving. (SLE 7)

Health 4 – 11908 – Seniors (4th quarter) (1/4 credit) Grade 12

Students will develop the ability to use goal setting and decision-making skills to enhance health. Advocating for personal, family, community and environmental health will serve as the primary focus. Topics include environmental health, first aid and CPR, consumer health, domestic violence and stress management and HIV/AIDS awareness. (SLE 7)

Certified Nurse Assistant (2 credits) (1 year, 2 periods) Grade 11, 12

Science 11470 1.5 Credit

CNA Health/Physical Education 11472 (1/2 credit)

The CNA course will prepare students to learn about the patient care in nursing facilities, patient homes and hospitals.

Upon successful completion of this high school Nursing Assistant training program, the candidate will know and be able to:

1. Assist patients/residents with Activities of Daily Living (ADLs) including personal hygiene, dressing and grooming, nutrition and hydrations, elimination, rest/sleep/comfort;
2. Perform basic nursing skills including, following infection control and safety/emergency procedures/practices, therapeutic/technical procedures, data collection and reporting;

SOUTH KINGSTOWN HIGH SCHOOL

3. Assist patients/residents with restorative care skills;
4. Assist patients/residents with emotional and Mental Health needs;
5. Communicate with medical personnel and patients;
6. Abide by client's rights, legal and ethical behaviors;
7. Be an active member of the healthcare team;
8. Provide care that meets spiritual and cultural needs.

Students may be expected to complete the required fieldwork experience outside of their school day

Credentials

The CNA program at SKHS comprises of a total of 243 hours between classroom and clinical internship before the student is allowed to take the state certification exam. Successful completion of coursework and field work offered through this course will prepare students to take the Rhode Island Certified Nursing Assistant (CNA) license secured by successfully passing a written exam/skills evaluation with an associated cost of \$99.00. *A student is allowed one (1) year from the date you began your nursing assistant training program to pass the nursing assistant examination. If you do not pass the NNAAP Examination within the 1-year training period or have failed the examinations three (3) times, candidate is required to re-train in program.

Other credentials included within the training course:

BLS for the healthcare provider CPR

Credits

Successful completion of this course will allow students to gain 0.25 credits in health, 0.25 credits in PE and 1.5 credit in Science

Career Connections

Benefits of this level of achievement in job market: Many CNAs use their knowledge and training as a steppingstone toward becoming a medication aide, Licensed Practical Nurse, Registered Nurse, or enroll in a pre-medicine program. Frequently candidates complete an accredited medication course and become medication aides/CNAs in long-term care facilities.

Job Outlook - Employment of nursing assistants and orderlies is projected to grow 17 percent from 2014 to 2024, much faster than the average for all occupations. Because of the growing elderly population, many nursing assistants and orderlies will be needed to assist and care for these patients.

Pay – The most recent Rhode Island Labor Market Information for this profession dates from May 2015 and the entry-level wage for nursing assistants and orderlies at that time was \$25,022.00 (\$12.03 per hour).

Pathway course **P**

SOUTH KINGSTOWN HIGH SCHOOL

Emergency Medical Technician (2 credits) (1 year, 2 periods) Grade 12

Science 11480 1.5 Credit

EMT Health/Physical Education 11482 (1/2 credit)

In this course students will complete 243 hours of EMT training which comprises of all related coursework and fieldwork experience. This training prepares students to pass the NREMT computer based certification exam, along with a NREMT Based practical skills exam, along with specific training course testing in order to become a licensed EMT in Rhode Island. Once licensed the individual may work in both the public and private EMS setting. The EMT is considered the entry level provider to work on an ambulance or rescue in RI. At SKHS the EMT candidate will receive training in the required curriculum for the course, but will also receive; certification in emergency vehicle operations for ambulances, Supra-glottic airway management, and continuous positive airway pressure (CPAP), advanced pharmacology and Rhode Island Pre-hospital Care Protocols. Students may be expected to complete the required fieldwork experience outside of their school day

Credentials

The students, who wish to become a skilled EMT in Rhode Island, have to go through an EMT training program and may have to provide a Bureau of Criminal Identification (BCI) report. Students must be 18 years old with a high school diploma.

Other Credentials included within the training course:

BLS for the Healthcare provider
Incident Command System 100
Incident Command System 200
National Incident Management System 700
National Incident Management System 800
AWR-160 (terrorism awareness)

Credits

Successful completion of this course will allow students to gain 0.25 credits in health, 0.25 credits in PE and 1.5 credit in Science

Job Outlook

The estimated number of Emergency Medical Technicians and Paramedics employed in Rhode Island in 2014 was 660. It is projected that in 2024 there will be 734. This represents an annual average growth rate of 1.1% percent, faster than the percent growth rate for all occupations in Rhode Island.

Pay

The most recent State Occupational Employment Statistics (OES) survey estimates that the Mean hourly wage for Emergency Medical Technicians and Paramedics in Rhode Island, in 2016 was \$18.18.

Pathway course P

SOUTH KINGSTOWN HIGH SCHOOL

PHYSICAL EDUCATION

Grading:

It is our belief that all students need to be in class and arrive on time in order to achieve optimum benefits from physical education. Students must earn credit for eight courses (two courses per year) in Physical Education in order to graduate from South Kingstown High School. Since the course is a Pass/Fail subject (**S** = satisfactory & **U** = unsatisfactory) it is extremely important that students attend and participate in all classes. Grading is based on attendance, participation, and effort, as well as students meeting the national standards in physical education. Written work may also be incorporated in the grading system, as appropriate.

Attendance and Make-up class Procedure:

All students are allowed up to **three (3) excused** absences from physical education classes each quarter.

Make up class

Students must make up all of the following:

- All absences exceeding the **three (3) excused** absences allowed
- All unexcused absences
- All classes for which students are unprepared, i.e. failure to change into appropriate clothing

Failures

- Students will earn a failing grade (a grade of "U") in Physical Education for the quarter if they do not meet the criteria listed above.
- Students missing a total of **8 or more classes** - excused, unexcused and make ups combined - will fail physical education for the quarter.
- Students failing physical education for the quarter will have to attend a Physical Education Credit Recovery Program to earn the .25 credit for the failed Physical Education class. These are currently held on Saturday mornings beginning in the spring semester.

Medical Excuses: Students who are medically excused from PE class must see their PE teacher about getting credit for class.

- Students are not required to make up classes if a medical note from a doctor is provided.
- Notes from parents do not qualify as a medical note.
- Students with medical excuses for a limited time period during a given quarter must participate in 60% of the total number of classes held during a given quarter in order to receive credit for the Physical Education

SOUTH KINGSTOWN HIGH SCHOOL

Physical Education Make up class opportunities:

Students will have the opportunity to make up missed classes after school on a weekly basis. A calendar of dates providing students this opportunity will be provided to all students and will be posted at the beginning of each quarter class of Physical Education.

Activities and Units Available to Students

Physical Education activities are offered on a selective basis. Each quarter a different group of activities is offered to each class, dependent on class size and teacher schedule. Students may choose from offered activities based on seniority and their participation record. Activities offered vary throughout the year based on faculty schedules and weather conditions. All 9th and 10th grade students will participate in fitness testing during the second and fourth quarters (Fitnessgram 9) of the school year. Student activities in grades 9-10 will focus on basic fitness activities, along with team sports. Student activities in grades 11-12 will focus on lifetime activities, team and individual sports and basic fitness skills.

Aerobic Games: Grades 9-12

Students who select this course or Fitness Games will participate in games that will include various aerobic activities. Students will work at target heart rate. Some of the activities included in this unit will be ultimate Frisbee/Football, indoor soccer, gator ball, and various cardiovascular activity games.

Basketball: Grades 9-12

Students who select basketball receive instruction in basic individual and team skills. Students develop skills through achieving individual performance standards and participating in modified games. Passing, dribbling, cutting, shooting, rebounding and strategies improve through daily practice and instruction.

Bowling: Grades 9-12

Students who select Bowling will participate at Old Mountain Lanes. They will learn the correct grip and delivery of the ball, as well as learning the three and the four-step approach in ten pin bowling. Students should be able to execute the proper form by bowling each class period. Courtesies associated with the game of bowling and how to score will be learned by participating at Old Mountain Lanes. **There is a \$2.00 fee per class/session. Families should plan accordingly for approximately 20 classes/sessions.**

Dance: Grades 11-12

Students will learn basic line and square dances. Students will also learn various traditional and current styles of popular dances. All participants will be required to choreograph and perform a dance for the class

SOUTH KINGSTOWN HIGH SCHOOL

Flag Football: Grades 9-12

Instruction will be given in passing, running, defense, offense, blocking, strategy and punting. No tackling will be allowed.

Floor Hockey: Grades 9-12

Students will learn the basic skills, positions and strategy of floor hockey. Instruction will include individual and team skills, offensive and defensive strategy, developmental games and 6-on-6 competition. Students are required to wear appropriate safety equipment at all times.

Indoor Team Sports Games: Grades 11-12

Students participate in various team oriented sports such as whiffle ball, mat ball, pillo pollo and bucket ball

An Introduction to Golf: Grades 11-12

Students will learn basic golf skills, including instruction in etiquette and rules. Students will familiarize themselves with golf terminology, learn how to score a round of golf and learn basic knowledge of the care and use of equipment.

Lacrosse: Grades 9-12

Students will develop basic skills, an understanding of the rules and their application to the game. Instruction will include various tasks to develop hand-eye coordination and improve the ability to track a ball, safety procedures and care of equipment, positional skills and team strategies.

Project Adventure: Grades 11-12

This course is designed for students to learn how to cooperatively work together and use critical thinking skills to solve group initiatives. Some activities that are emphasized are trust activities, group initiatives, high and low rope activities, obstacle courses, spotting and teamwork.

Racquet Games: Grades 9-12

Students participate in a variety of games including tennis, pickle ball, badminton and table tennis (when available). Rules and basic techniques such as ground strokes, serving, etiquette, strategy and rules are covered with an emphasis on total class participation.

Rock Climbing: Grades 9-12

Students who select rock climbing will attend Rock Spot Climbing with the instructor. A waiver form must be completed by student and parent/guardian prior to participating. **There is a \$2.00 fee per trip.** Students learn the basics of rock climbing and bouldering. Students can also be tested to belay other students. Students usually attend 2 times per week.

SOUTH KINGSTOWN HIGH SCHOOL

Soccer: Grades 9-12

All basic skills will be taught with emphasis placed upon controlling the ball and effective passing techniques. The course is aimed at developing total skills, along with teaching the defensive and offensive concepts of the game.

Softball: Grades 9-12

Instruction is given in batting, fielding, positions, basic rules, proper ball grip and throwing, catching and other facets of the game. Slow pitch rules will be used

Total Fitness: Grades 9-12

Emphasis is placed on improving fitness levels through a variety of activities including running, fitness challenges, weight training, aerobics, step aerobics, yoga, Tae bo, body ball exercises, medicine balls, fitness games and specific strength and circuit training. Students learn to utilize target heart rate in evaluating the effectiveness of training. Heart rate monitors may also be used to monitor progress. Classes focus on the five components of physical fitness.

Volleyball: Grades 9-12

Students will learn basic skills of passing, setting, and serving. Students are taught the basic methods of service reception and rotation. Games are played stressing proper skills, technique, and positioning on the court with the use of three contacts on offense.

Proficiency-Based
Graduation Requirements
(PBGR)
Department



SOUTH KINGSTOWN HIGH SCHOOL

SK100 SERIES OF COURSES

South Kingstown High School schedules all students into the appropriate SK100 course to provide classroom-organized support for students as they transition to the high school and complete the requirements for graduation.

SK101-9 11091 (1st quarter) (1/4 credit)

This course is for all freshmen and is designed to ensure success in transitioning into the high school. Students will participate in the following course activities: meeting school personnel, team building, utilizing their planner, acquiring study skills, reflective writing, and Individualized Learning Plan development. Students will be introduced to the senior project and learn the requirements of the SKHS diploma system.

SK102-10 11092 (3rd quarter) (1/4 credit)

This course for sophomores offers two major topics. The first half of the course is designed to provide students with instruction on exploring options for their senior project. In addition, students will continue work on the Individualized Learning Plan, with a focus on career exploration. (SLE: S8)

SK103-11 11093 (4th quarter) (1/4 credit)

This course for juniors is designed to provide students with the opportunity to work on graduation requirements: organize the work they will be submitting to their portfolio OR continue the process of organizing their senior project. In addition, students will continue to utilize the Individualized Learning Plan, specifically continuing career and postsecondary exploration. (SLE: S8)

SK104-12 11094 (2nd quarter) (1/4 credit)

This course for seniors is designed to ensure their success in completing the South Kingstown High School's graduation by proficiency requirements, which could be completing a senior portfolio or a senior project. Students will also participate in the completion of their Individualized Learning Plan, with a focus on Financial Literacy, producing a resume and finalizing post-secondary plans. (SLE: S8)

SOUTH KINGSTOWN HIGH SCHOOL

Applied Learning Department



SOUTH KINGSTOWN HIGH SCHOOL



Business and Finance Pathway



Business Finance Pathway Courses

- Emerging Technologies and Business Leadership
- Accounting I
- Global/International Business or Introduction to Business
- Personal Financial Planning or Accounting II
- Internship or Senior Project aligned to Pathway

Industry Credential and Post-Secondary Credit Opportunities in Pathway

****6 URI Credits, EverFi Financial and Entrepreneurship Certificate of Completion, A*S*K
Business Institute Certification ****

SOUTH KINGSTOWN HIGH SCHOOL



Sports Marketing Pathway



Sports Marketing Pathway Courses

- Sports Marketing I (Business)
- Sports in American Society (Social Studies)
- Sports Marketing II (Business)
- Intro to Business (Business) OR Advanced Writing: Sports & Feature Writing (English)
- Internship or Senior Project aligned to Pathway

Experiential and Internship Opportunities in Pathway

Possible opportunities for students include working with the University of Rhode Island, The Ocean State Waves baseball team, and SKHS Athletics.

SOUTH KINGSTOWN HIGH SCHOOL

APPLIED LEARNING DEPARTMENT

BUSINESS AND COMPUTER STUDIES

The mission of the Business and Computer Department is to prepare students to become productive citizens capable of making astute economic decisions. Students will develop techniques for making wise decisions, master economic principles, learn how businesses operate, and learn how to select and apply the tools of technology. The courses in the Business and Computer Department provide a foundation for success for all students, no matter what their ultimate goal in life might be. Students will develop the knowledge, skills, and attitudes necessary for success in the workforce.

Emerging Technologies/Business Leadership 11622 (½ credit) (1 semester) Grade 9-10 only

This course will prepare students for leadership roles both here at South Kingstown High School and the community. Class focuses on written, oral and visual communication using the latest productivity tools. Instruction will be provided using the Microsoft Office Suite and Google Applications; both of which include word processing, spreadsheets/worksheets, presentation applications and all that Google has to offer. Basic computing hardware/operating systems, as well as troubleshooting is covered. Additional concepts include digital citizenship, internet research skills (Boolean Operators) and career exploration/planning (resumes, interview skills, “soft-skills”). These technology and presentation skills are necessary for successfully completing a multitude of projects and presentations at South Kingstown High School. In addition, **this class will offer multiple portfolio opportunities.** This course offering is also the first step of the **CTE pathway for Business Finance**, which can be used to help complete South Kingstown High School’s PBGR requirements. Strategies include teacher demonstrations, collaborative instruction, interdisciplinary and/or anchor projects, problem-solving and critical-thinking activities. **Successful completion of this course meets the graduation requirement for a .5 credit in technology for students graduating in 2018 and 2019.**

Pathway Course P

Business Computing Applications 11624 (½ credit) (1 semester) Grades 11-12

Students will utilize Microsoft and Google based software to create assignments that are specifically designed to benefit the student for post-secondary applications and careers after graduation. The course incorporates the use of Microsoft Office 2013 and Google Apps, allowing students to learn digital literacy/citizenship, how to organize and manage files, and the use of the internet as a research tool. Students will learn to utilize and apply these universal computer skills for communication, analysis, problem solving, decision making, and sharing information, with exposure to cloud-based applications. This course provides numerous opportunities to complete portfolio assignments. **Students taking this course are eligible for college credit through the University of Rhode Island in (BUS 110). Successful**

SOUTH KINGSTOWN HIGH SCHOOL

completion of this course meets the graduation requirement for a .5 credit in technology for students graduating in 2018 and 2019. (SLE: A1, A3)

Coding/Web Page Design Using HTML and CSS 11627 (½ credit) (1 semester)

Grades 10-12

In this course, students become web designers as they learn HTML and CSS coding skills to create well designed web pages. Students will identify the topic, purpose, and audience of a web page, plan and organize web page ideas, and create web pages using HTML and Style it with CSS. The culmination of the course will be to integrate these new skills and create a multipage website selling/promoting a product or service. **Successful completion of this course meets the graduation requirement for a .5 credit in technology for students graduating in 2019. (SLE: A1, A3)**

SOUTH KINGSTOWN HIGH SCHOOL

BUSINESS

Accounting 1 11602 (½ credit) (1 semester) Grades 10-12

Do you want to start your own business? How about working in an office or helping the family business keep their books? This course provides a background in basic accounting principles and procedures with the complete accounting cycle being covered for small businesses. An in-depth study of real financial statements for major corporations is also completed. Manual accounting procedures are followed by a study of current software used (QuickBooks) in the public and private sectors including *Microsoft Excel*. This course will serve as a sound background for those students majoring in business in college and for students preparing for employment in office positions. **This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics. Successful completion of this course meets the graduation requirement for a .5 credit in technology for students graduating in 2019.** (SLE: A3)

Pathway Course **P**

Financial Accounting- Accounting 2 11630 (½ credit) (1 semester) Grade 11-12 only

This course will introduce the basic concepts and systems used in financial accounting for business organizations; students who have completed Accounting 1 are eligible. A college textbook is used and the material covered includes financial statements, merchandise inventory, receivables, payables, cash controls, payroll, stockholders equity, and exposure to automated accounting systems, Quickbooks (Intuit). The course is appropriate for those students who plan to continue the study of accounting or business on the college level, or plan to enter other professions such as law, engineering, or medicine and need an understanding of the principles of accounting. **Students taking this course are eligible to earn college credit through the University of Rhode Island in (BUS 201). Successful completion of this course meets the graduation requirement for a .5 credit in technology for students graduating 2019.**

Prerequisite- Accounting 1 -11602

Pathway Course **P**

Global/International Business 11655 (½ credit) (1 semester) Grades 10-12

This course covers the topics of social, cultural, political, and economic factors of business in a global economy. The student will be provided with information on consumer behavior, marketing segmentation, the marketing process, foreign distribution, advertising, selling and the roles of international finance and economics. This course is an excellent preparation for students planning on majoring in business in a post-secondary institution. (SLE: A2, A3)

Pathway Course **P**

Internship Fall 11641 & 11642; Spring 11643 & 11644 (1 credit) (1 semester, 2 periods) Grade 12

This program is designed for students who wish to experience, "first hand", careers they are interested in pursuing in the future. Internships are developed by students who plan to enter the

SOUTH KINGSTOWN HIGH SCHOOL

workforce immediately after high school, as well as for those who will pursue post-secondary schooling. In addition to working within their individual internships, there is also a classroom component to this course where students will be participating in lessons designed to prepare them for life in the working world. If the internship is not within walking distance, transportation will need to be provided by the student or family.

Pathway Course **P**

Introduction to Business 11650 (½ credit) (1 semester) Grades 11-12

If you want to understand the business world and be a success, this is the course for you. This course covers the topics of a college level Introduction to Business course and a college text is used. Students will develop a working knowledge of the major aspects of business—organizing, managing, marketing, finance, economics, and entrepreneurship. Students engage in a variety of group projects and presentations, study the parts of a business plan, and track stocks.

Students taking this course may be eligible to earn college credit through the University of Rhode Island in (BUS 140). (SLE: A1, A3, C6)

Pathway Course **P**

Understanding Business and Personal Law 11640 (1/2 credit) (1 semester) Grades 11-12

The law is a thriving real-world enterprise that evolves over time to meet the needs of our diverse population and changing society. In this class, you will learn many of the fascinating features of how the law affects the circumstances of your daily life. Topics include Civil law and torts, contracts, starting a business, consumer law, renting and buying a home, insurance, banking, wills and retirement. The student will also become familiar with the foundation of our current legal system and its impact on everyday living. (SLE: A1, A3, C5)

Pathway course **P**

Personal Financial Planning 11665 (½ credit) (1 semester) Grades 11-12

Stocks, bonds, mutual funds, insurance, taxes....finally find out how they fit into your future financial success. This course investigates important areas of interest that will enhance a student's future financial security. Students will examine the five-step plan with regards to financial planning. Students will understand the benefits and the cost of career planning, budgeting, savings and investments, credit, and insurance. Students will also be exposed to *Quicken* personal finance software to bring financial planning to life. **This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics. Successful completion of this course meets the graduation requirement for a .5 credit in technology for students graduating in 2019.** (SLE: A3)

Pathway Course **P**

Sports Marketing 1 11672 (½ credit) (1 semester) Grades 9-12

Have you ever dreamed of owning your own sports franchise or working in the sports industry? This course introduces students to the growing field of sports marketing and management. In

SOUTH KINGSTOWN HIGH SCHOOL

this course, students will operate a mock sports franchise, and explore career opportunities in the sports industry. Through group projects and teacher driven lessons, students will conduct demographic studies, create team names, design team logos, develop merchandise/apparel and eventually construct their very own stadium. In addition, students will learn about developing team ticketing plans, promotional activities, sports endorsements and corporate sponsorships in professional sports. (SLE: A1, A2, A3, C5)

Pathway Course **P**

Sports Marketing 2 11673 (½ credit) (1 semester) Grades 10-12

Are you interested in the world of sports advertising? This course continues where Sports Marketing 1 left off, and focuses on the world of advertising as it applies to the billion-dollar sports industry. Through group projects and teacher driven lessons, students will create realistic sports-oriented advertisements in a variety of mediums. Students will design and develop print, radio, television, billboards and, eventually, internet advertisements. This class will operate in an advertising agency atmosphere with students taking on a variety of roles, including copywriting, copy editing and graphic designing. Working closely with our school athletic department, one class focal point will be to keep the entire South Kingstown school community informed and up-to-date with our South Kingstown High School **Rebel** sports happenings. (SLE: A1, A2, A3)

Prerequisite: Sports Marketing 1 11672

Pathway Course **P**

SOUTH KINGSTOWN HIGH SCHOOL

FAMILY AND CONSUMER SCIENCE

Culinary Arts 1 11701 (½ credit) (1 semester) Grades 9-12

This course introduces students to the study of foods. The focus of this course is on solving practical problems relating to the selection and preparation of foods. Students will learn basic nutrition facts, how to prepare food, and explore careers in the food industry. Laboratory experience will include the proper use and care of kitchen equipment; reading, interpreting, and following recipes; and food safety and sanitation procedures. Integration of SCANS skills provides students with opportunities to productively use: resources, interpersonal skills, information systems, and technologies. **This course meets the Mathematics Common core State Standards (CCSS) to be considered a .5 credit in Mathematics.** (SLE: A1, A2, A3)

Culinary Arts 2 11702 (½ credit) (1 semester) Grades 10-12

The focus of this Nutrition and Wellness course is on solving problems related to wellness and food choices. Students will use laboratory experiences to apply nutrition principles in real life situations. Students will plan and prepare meals and learn advanced food preparation techniques. Career related topics will be included. Integration of SCANS skills provides students with opportunities to productively use: resources, interpersonal skills, information systems, and technologies. **This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics.** (SLE: A1, C6, C7)

Prerequisite: Culinary Arts 1 11701

Culinary Arts 3 11731 (½ credit) (1 semester) Grades 10-12

What's on your plate? Have you thought about what is in the food you are eating? Where did it come from? Is it good for me? Are you concerned about your health? Want to know more about vegan, vegetarian, gluten free, lactose free diets? What is meant by GMOs, organic, sustainable, and farm to table foods? In this culinary class, we will explore basic nutrition and healthy eating concepts. Culinary labs provide students opportunities to plan and prepare foods for alternative eating styles and special dietary needs. Food safety and basic culinary techniques will be covered in this course. **This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics.** (SLE: A1, C7)

Prerequisite: Culinary Arts 1 11701

International Cuisine 11703 (½ credit) (1 semester) Grades 10-12

Students will study of the foods and food customs of world cultures. This course compares the impact of psychological, cultural, social, religious, and geographic influences on people in their environment. Laboratory experiences focus on the preparation and serving of authentic cultural foods. Integration of SCANS skills provides students with opportunities to productively use: resources, interpersonal skills, information systems, and technologies. (SLE: A1, C5, C6)

Prerequisite: Culinary Arts 1 11701

SOUTH KINGSTOWN HIGH SCHOOL

Child Development 1 11741 (½ credit) (1 semester) Grades 9-12

This course prepares students to understand the physical, social, emotional, and intellectual development of preschool children. This course is designed to help students acquire the knowledge and skills essential for the care and guidance of young children. Emphasis is on helping students create an environment that promotes optimum development in children. This class includes hands-on interactive experiences such as preschool observations, job shadowing, and participation in preschool environments, dependent on available resources. Students research and share career opportunities that involve working with young children. Integration of SCANS skills provides students with opportunities to productively use: resources, interpersonal skills, information systems and technologies. (SLE: A1, A2, C5, C6)

Child Development 2 11742 (½ credit) (1 semester) Grades 10-12

Child Development 2 is the continuum study of the growth and development of school age children. Students will develop techniques for positive collaborative relationships with children and their families. Students will explore career paths in the field of education and child development related occupations. Emphasis on children's literature, nutrition, and safety will be included in this class. Hands-on experiences will be provided if opportunities are available. Integration of SCANS skills provides students with opportunities to productively use: resources, interpersonal skills, information systems, and technologies. (SLE: A1, A2, C5, C6)

Prerequisite: Child Development 1 11741

Life Skills – Independent Living 11751 (½ credit) (1 semester) Grade 11 – 12

Life after high school: college, work, technical education, or the military = INDEPENDENT LIVING, Financial Literacy! This personal finance class focuses on everything students ever want or need to know about when they get out "on their own." Through the use of the practical problem solving process, students will explore such topics as: values and goals, career planning (resumes, job applications, interviews), housing choices (renting and leases), relationships (communication skills, family and parenting issues), money management (banking, credit, income taxes, investments), consumers choices (selecting and purchasing of goods and services), and food choices (buying and preparing food). Students will make informed decisions about life's key issues. Integration of SCANS skills provides students with opportunities to productively use: resources, interpersonal skills, information systems, and technologies. (SLE: A1, A2, C6)

Textile Arts 1 11711 (½ credit) (1 semester) Grades 9-12

Textile Arts is a specialized course designed to prepare students to understand the social, psychological, and physiological aspects of textile and apparel products. Instructions on how to select, produce, maintain, and alter textile apparel products and the effect of consumer choices on the needs of the individuals and family are included in this classes. Careers in the textile and apparel industry will be incorporated in this class. Integration of SCANS skills provides students with opportunities to productively use: resources, interpersonal skills, information systems, and technologies. (SLE: A1, A4, C5, C6)

SOUTH KINGSTOWN HIGH SCHOOL



Applied Arts Pathways



Engineering Design Pathway Courses

- Engineering Graphics I or Intro to CAD I or Electronics I or Robotics I
- Engineering Graphics II or Intro to CAD II or Electronics II or Robotics II
- 4 Years of Math, Including Pre-Calc or Calculus
- Intro to Engineering and Technology
- Internship or Senior Project aligned to pathway

Carpentry Pathway Courses

- Carpentry I
- Carpentry II
- Carpentry III
- Internship or Senior Project aligned to Pathway

Industry Credential and Post-Secondary Credit Opportunities in Pathway

****Level 1 Apprenticeship with New England Carpenter's Union****

****CCRI Credit through Intro to Engineering and Technology****

SOUTH KINGSTOWN HIGH SCHOOL

TECHNICAL EDUCATION

Agricultural Technology 11585 (1 semester) (½ credit) Grades 9-12

This course is primarily a practical, hands-on study of the basics of growing food and other agricultural products. During the time the growing season overlaps the school year, students will actively plant, tend, and harvest crops in the greenhouse and garden of the school. During the winter months, the focus will be on livestock and animal husbandry, with the students expected to research and present projects related to the healthy keeping of farm animals. Issues facing modern agriculture and food production will be addressed: sustainable vs. destructive, organic vs chemical based, grass fed vs grain fed, small scale vs industrial scale, pest and weed management, etc. (SLE: A1, A2, C5, C6, S7)

Auto Mechanics 1 11835 (½ credit) (1 semester) Grade 9-12

This is a basic automotive course and it is designed to introduce students to the automotive field, safety rules of the auto shop, basic tools and their uses, and instill a respect for tools and shop. Topics to be covered include: shop safety, proper use of auto shop tools and equipment, the four strokes of the four-cycle engine and the five events, the basic parts of the four-stroke engine, troubleshooting, fundamental automotive electronics, and basic repairs. Students will start off working on small engines. From there they will progress to design, fabrication, and/or modification of go-karts and/or other motorized vehicles. Students will have the opportunity to experience welding and other fabrication processes. Student will work on projects supplied by the instructor and the student. **Successful completion of this course meets the graduation requirement for .5 credit in Technology for students graduating in 2018 and 2019.** (SLE: A1, A3)

Auto Mechanics 2 11836 (½ credit) (1 semester) Grade 9-12

This course expands the student's knowledge of the systems of the automobile. The focus of the course will be the different systems of the automobile, their purpose/function and how to make repairs on them. Students will break into small groups to work on various projects, such as, restoring older vehicles (if available), working on their vehicles, making repairs to "customer" vehicles, and building approved projects that they choose. Further study of automotive electronics will also be covered. Students and the instructor will supply projects. Successful completion of this course meets the graduation requirement for .5 credit in Technology. (SLE: A1, A3)

Prerequisite: Auto Mechanics 1 11835.

Auto Mechanics 3: Computerized Engine Controls & Drivability 11837 (½ credit) (1 Semester) Grade 10-12

This course will build the foundation for modern drivability repair and computer controls. The student will study the operation of the automotive computer system and learn fundamentals that will be needed to understand the related systems. Instructions on sensors and actuators will be included and how to diagnose problems on these components. Computer self-diagnosis, and the use of scan tools, electronic information systems, and Digital Volt Ohm Meters are some of the topics that will be covered. Students will continue work on various projects and "customer"

SOUTH KINGSTOWN HIGH SCHOOL

vehicles. **Successful completion of this course meets the graduation requirement for .5 credit in Technology for students graduating in 2018 and 2019.** (SLE: A1, A2)

Prerequisites: Auto Mechanics 1 11835 and Auto Mechanics 2 11836. Electronics 1 11830 is strongly recommended.

Introduction to Computer Aided Drafting 11886 (½ credit) (1 semester) Grades 9-12

This course uses an applied problem solving approach to explore CAD as it can be used in various disciplines. Students will complete entry level projects related to, but not limited to, the fields of Engineering, Architecture, Electricity and Electronics, and Carpentry. By using AutoSketch, a two dimensional CAD program, and students will develop an understanding of basic CAD functions and commands. **Successful completion of this course meets the .5 credit graduation requirement in technology for students graduating in 2018 and 2019. This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics.** (SLE: A1, A3)

Pathway Course **P**

Computer Aided Drafting 2 11887 (½ credit) (1 semester) Grades 9-12

This course is a continuation of Introduction to CAD. It uses an applied problem solving approach to allow students to explore deeper into the various CAD disciplines. Students will complete higher level projects related to, but not limited to, the fields of Engineering, Architecture, Electricity and Electronics, and Carpentry. By using AutoSketch, a two dimensional CAD program, and students will develop an understanding of higher level CAD functions and commands. **Successful completion of this course meets the .5 credit graduation requirement in technology for students graduating in 2018 and 2019. This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics.** (SLE: A1, A3)

Prerequisite: Introduction to Computer Aided Drafting 11886

Pathway Course **P**

Carpentry 1 11857 (½ credit) (1 Semester) Grades 9 – 12

Students will be introduced to safe and effective use of basic carpentry/woodworking hand tools, portable power tools and machinery. They will be exposed to the basic characteristics and grading of wood, basic math, calculating square and board feet of lumber and how to draw and use simple plans to create desired projects. These plans will include materials needed, pricing and a list of steps needed to complete design. One or more basic high quality wooden project will be completed for the student to take home. Proper safety techniques, quizzes, plans, material and price lists, and daily time sheet logs, along with the completed project, will be evaluated for course grade. **This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics.** (SLE: A1, A3)

Pathway Course **P**

SOUTH KINGSTOWN HIGH SCHOOL

Carpentry 2 11858 (½ credit) (1 Semester) Grades 9 – 12

Along with proper safety techniques, daily work will include the planning and constructing of cabinet-oriented projects in conjunction with some modern cabinet shop practices. Students will work both individually and in groups. The class will be shown the availability of employment in this field and also in the area of heavy construction. Proper safety techniques, quizzes, plans, material and price lists, and daily time sheet logs, along with the completed project, will be evaluated for course grade. **This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics.** (SLE: A1, A3)

Prerequisite: Carpentry 1 11857

Pathway Course **P**

Carpentry 3 11861 (½ credit) (1 Semester) Grades 10 – 12

Building on the basic skills learned in Carpentry 1 and 2, students will learn more advanced woodworking/carpentry techniques and methods. Techniques may include turned lathe work, wood bending, lamination, fine joinery, etc. Students will select, plan and construct their own projects. Excellence of design and high quality craftsmanship will be emphasized. Proper safety techniques, quizzes, plans, material and price lists, and daily time sheet logs, along with the completed project, will be evaluated for course grade. **This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics.** (SLE: A1, A3)

Prerequisite: Carpentry 2 11858

Pathway Course **P**

Electronics 1 11830 (½ credit) (1 semester) Grades 9-12

Electronics 1 is designed to provide an explanation of electronic theory and offer students practical applications of the principles of electronics through the use of experiments and hands-on projects. Electronics 1 will serve as a foundation for future studies leading to a career in Electricity/Electronics or in a related field. Basic principles are explained, followed by typical applications. Hands-on skills will be emphasized. **This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics.** (SLE: A1, A3)

Pathway Course **P**

Electronics 2 11831 (½ credit) (1 semester) Grades 9-12

This course is designed to give students who have successfully completed Electronics 1 11830 an opportunity to work with more advanced circuits, test equipment, concepts and electronic devices. The focus will be on digital electronics. Students will conduct a series of experiments on a self-paced basis through the use of digital project packets and computer lessons. **This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics.** (SLE: A1, A3)

Prerequisite: Electronics 1 11830

Pathway Course **P**

SOUTH KINGSTOWN HIGH SCHOOL

Engineering Graphics 1 11880 (½ credit) (1 semester) Grades 9-12

This course is designed for students who are considering either engineering, technical related careers, or simply are interested in spatial problem solving and applications of geometric principles. Topics covered are: principles of orthographic projections, developing visualization skills, sketching relations and base features, complex sketching equations and construction geometry, secondary sketches and reference geometry, adding features, creating part drawings and dimensioning and annotating drawings. It is recommended for juniors and seniors; however, any student with strong graphic and spatial ability should speak with the instructor. SolidWorks 2013 software will be integrated into all aspects of the course. **Successful completion of this course meets the graduation requirement for a .5 credit in technology for students graduating in 2019. This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics. Students may use this course to earn either .5 credit in Technology or the .5 credit in Mathematics – not both.** (SLE: A1, A3)

Pathway Course **P**

Engineering Graphics 2 11881 (½ credit) (1 semester) Grades 9-12

This course is a continuation of Engineering Graphics 1 and starts by reviewing material covered in the first course and then moving onto more advanced topics and more complex three-dimensional problems. Sweeps and lofts, mechanical assembly mates, and exploded views and animation drawings are examples of some of the more advanced problems.

Successful completion of this course meets the graduation requirement for a .5 credit in technology for students graduating in 2018 and 2019. This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics.

Students may use this course to earn either .5 credit in Technology or the .5 credit in Mathematics – not both. (SLE: A1, A3)

Prerequisite: Engineering Graphics 1 11880

Pathway Course **P**

Introduction to Engineering and Technology 11840 (1 credit) Grade 11-12

This course introduces students to various tools and problem-solving skills common to most fields of engineering and technology. It emphasizes developing both individual critical thinking and collaborative problem-solving skills, essential in today's world of technology. Students learn the basics of the engineering design of product design, testing and evaluation. In teams, students apply this process to complete a project that involves practical problem solving, computer simulation and physical product fabrication. To assist in the project analysis, documentation and presentation, students develop skills with spreadsheets, word processing and presentation software. **Students taking this course may be eligible for college credits through the Community College of Rhode Island. Successful completion of this course meets the graduation requirement for a .5 credit in technology for students graduating in 2018 and 2019.** (SLE: A1, A3) **Pathway Course** **P**

SOUTH KINGSTOWN HIGH SCHOOL

House Design 1 11883 (½ credit) (1 semester) Grades 9-12

This course is designed to give students experience in the planning and design process. Topics covered: setting parameters for the design, formulating design specification, site considerations and building code constraints, construction details and conventions, planning of specific rooms, flow pattern analysis, and the integration of the design elements into a final set of plans. Scaled floor plans, elevation drawings, and completed house model will be evaluated for course grade.

This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics. (SLE: A1, A3)

Pathway Course **P**

House Design 2 11884 (½ credit) (1 semester) Grades 9-12

This course follows House Design 1 and covers similar material but with an increased level of complexity. Model building and teamwork on real world problems will be used whenever possible. AutoSketch will be applied to any and all topics in House Design 2 as resources permit. **This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics.** (SLE: A1, A3)

Prerequisite: House Design 1 11883

Pathway Course **P**

Robotics 1 11800 (½ credit) (1 semester) Grades 9-12

This unit focuses on: Introduction to robotics, basic programming and electronic control, advanced programming using variables, mechanics, design engineering, scientific process, project management, problem solving, teaming, and the development of workplace competencies. The explorations are designed to allow students to begin to understand the digital world they are growing up in, develop the project management skills that today's managers need, as well as make connections across multiple disciplines. **Successful completion of this course meets the graduation requirement for .5 credit in Technology for students graduating in 2019. This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics. Students may use this course to earn either the .5 credit in Technology or the .5 credit in Mathematics – not both.** (SLE: A1, A3)

Pathway Course **P**

Robotics 2 11801 (½ credit) (1 semester) Grades 9-12

This course will be a continuation of Robotics 1 11800, but, will focus more on the investigative side of the programming rather than on the basics of programming, behaviors, sensors, and systems control. Students will learn applied inquiry, motivated design, communications technology, scanning, mapping, graphing, data collection (with the robot) and more. Students will design, build, and program robots that will explore their environment and collect data, then the students will analyze the data and report their findings. **Successful completion of this course meets the graduation requirement for .5 credit in Technology for students graduating in 2019. This course meets the Mathematics Common Core State Standards**

SOUTH KINGSTOWN HIGH SCHOOL

(CCSS) to be considered a .5 credit in Mathematics. Students may use this course to earn either the .5 credit in Technology or the .5 credit in Mathematics – not both. (SLE: A1, A3)

Prerequisite: Robotics 1 11800

Pathway Course **P**

Technical Drawing 1/Machine Drawing 1 11870 (½ credit) (1 semester) Grades 9-12

An elective course covering the basics of Technical Drawing and Machine Drawing, this course covers the topics of: lettering, both vertical and slant, single plane (rectangular shapes), single plane (cylindrical shapes), geometric constructions, single plane drawings involving circular shapes and center points which must be found using the principles of geometric construction; sketching and views of objects: completing orthographic views with one view missing, converting from isometric to orthographic from isometric copy and the converse. In addition, orthographic projections rectangular shapes, isometric rectangular shapes, orthographic projections of rectangular and cylindrical shapes, four point ellipse construction, and isometric cylindrical shapes are taught in this course. A basic introduction to AutoSketch (computer aided drafting) software will be integrated into the course. **This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics.** (SLE: A1, A3)

Technical Drawing 2 11871 (½ credit) (1 semester) Grades 9-12

An elective course starting with a review of topics covered in Technical Drawing 1 and advancing to the following topics: two view, oblique and isometric sectional views, revolution presentations including successive revolutions, developments and stretch out diagrams and exploded assembly presentations. AutoSketch will be applied to all topics as resources permit. **This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics.** (SLE: A1, A3) **Prerequisite:** Technical Drawing 1 11870

SOUTH KINGSTOWN HIGH SCHOOL

Fine Arts Department



SOUTH KINGSTOWN HIGH SCHOOL



Arts Pathway



Graphic Arts Pathway Courses

- Art 1 or Mixed Media
- 2D Design
- Graphic Design
- AP Studio Art 2-D or Print Media Publishing
- Internship or Senior Project aligned to Pathway



Post-Secondary Credit Opportunities in Pathway

** AP Credit from AP Studio
Art 2-D**

Photography Pathway Courses

- Art 1 or Mixed Media
- Photography
- Advanced Photography
- Graphic Design or Print Media Publishing
- Internship or Senior Project aligned to Pathway

Studio Art Pathway Courses

- Art 1 or Mixed Media
- Art II
- Contemporary Painting
- Art III
- Art IV or EEP Art IV or AP Studio Art
- Internship or Senior Project aligned to Pathway



Post-Secondary Credit Opportunities in Pathway

** EEP Credit from Art IV **
** AP Credit from AP Studio
Art**

SOUTH KINGSTOWN HIGH SCHOOL

FINE ARTS

VISUAL ARTS

Art 1 11911 (½ credit) (1 semester) Grades 9-12

This hands-on studio art course is an introduction to the basic Elements of Art and Design. This course features both traditional and innovative techniques that will unravel the mysteries of successful drawing and painting. Students will focus on concepts vital to all artists' education; composition, line, value, color and perspective. Students will learn to use a variety of media to develop their own creativity and strengthen their artistic skills.

This course meets the requirement for a .5 credit in Fine Arts. (SLE: A4)

Pathway Course **P**

Mixed Media 11920 (½ credit) (1 semester) Grades 9-12

This studio art course introduces students to media and techniques including a variety of traditional and nontraditional materials. This mixed media approach to art making allows students to create personal works that reach beyond pencil and paint to include a large variety of materials. This course covers all elements of art and principles of design while focusing on how self-expression is a method of communication in all cultures and art time periods. The possibilities are endless.

This course meets the requirements for .5 credit in Fine Arts. (SLE: A4)

Pathway Course **P**

Art 2 11912 (½ credit) (1 semester) Grades 10-12

In this course students will continue to develop skills in drawing and painting and will introduce students to more advanced ways to use their art making as a form of self-expression. Students will explore materials such as pencil, pen & ink, water-based paint, oil pastel and printmaking materials. In addition to creating works of art, students will develop their skills in critiquing their artwork and the artwork of others in both oral and written form. The art of other cultures, artists, and art movements will also be studied.

Prerequisite: Successful completion of Art 1 11911 or Mixed Media 11920.

This course meets the requirement for .5 credit in Fine Arts (SLE: A4).

Pathway Course **P**

2-D Design Studio 11928 (½ credit) (1 Semester) Grades 10-12

This course is designed for art students to examine and experience two dimensional (2-D) design fundamentals. The main focus of the course includes utilizing the elements and principles of design in a conscious way to create 2-D compositions. The principles of design (unity/variety, balance, emphasis, contrast, rhythm, repetition, proportion/scale figure/ground relationships) are used in conjunction with the visual elements (line, shape, color, value, texture, space) as the organizational tools needed for effective design. This intermediate course allows

SOUTH KINGSTOWN HIGH SCHOOL

students to learn, experience and explore 2-D design through many 2-D processes including illustration, graphic design, photography, collage, textile design, and printmaking.

Prerequisite: Successful completion of Art 1 11911 or Mixed Media 11920.

This course meets the requirement for .5 credit in Fine Arts (SLE: A4).

Pathway Course **P**

Contemporary Painting 11917 (½ credit) (1 semester) Grades 10-12

In this course students will explore painting styles and techniques used in 21st century painting. Students will learn how to effectively create realistic, expressionistic, and abstract paintings. They will study the lives and techniques of great 21st century artists and gain an understanding of how works of art are influenced by historical and cultural experiences. Painting media will include acrylic, oils, silkscreen and mixed media.

Prerequisite: Successful completion of Art 1 11911 or Mixed Media 11920

This course meets the requirement for .5 credit in Fine Arts. (SLE: A4)

Pathway Course **P**

Experiencing the Natural World through Art & Science 11460 (Project Based Learning STEAM Course) - Oceans Edition (Semester 1) (½ credit) Grades 9-12

This is a project-based course that incorporates STEAM (Science, Technology, Engineering, Arts, and Mathematics) into the curriculum. Content work will be technology-based content modules that students can work through during the time interval of the course at their own pace. Students will be creating a fully developed work of art relating to Ocean themes. The first half of the course will focus on 2-D representations and the second half will focus on 3-D representations. Time will be spent in both the Art classroom and Science classroom to develop their global understanding of the topic. With the help of both the Science Teacher and the Art Teacher, students will shape their work into a final product that completely represents the breadth of their knowledge in the content area.

Pathway Course **P** in 2019-2020

Experiencing the Natural World through Art & Science 11462 (Project Based Learning STEAM Course) - Woodlands Edition (Semester 2) (½ credit) Grades 9-12

This is a project-based course that incorporates STEAM (Science, Technology, Engineering, Arts, and Mathematics) into the curriculum. Content work will be technology-based content modules that students can work through during the time interval of the course at their own pace. Students will be creating a fully developed work of art relating to Forestry themes. The first half of the course will focus on 2-D representations and the second half will focus on 3-D representations. Time will be spent in both the Art classroom and Science classroom to develop their global understanding of the topic. With the help of both the Science Teacher and the Art Teacher, students will shape their work into a final product that completely represents the breadth of their knowledge in the content area.

Pathway Course **P** in 2019-2020

SOUTH KINGSTOWN HIGH SCHOOL

Fashion/Costume Design 11721 (½ credit) (1 semester) Grades 10-12

This course focuses on sketching and designing clothing as well as developing sewing skills in order to create original garments and accessories. Students will have multiple opportunities to create individual designs on paper with various media and will also sew and construct wearable items. Students will draw a fashion figure and explore characteristics of various fabrics and sewing techniques to best support designs while creating dynamic solutions to fashion assignments. Design possibilities will range from historical references, theatrical costumes to contemporary styles. While applying elements of art and design principles, students will develop a clear sense of the fashion design industry and careers in fashion design.

This course meets the requirement for .5 credit in Fine Arts. (SLE: A4)

Pathway Course **P**

Sculpture 11922 (½ credit) (1 semester) Grades 10-12

This course is designed for students who like to focus their artistic experience on 3-dimensional sculpture. Students will learn many hands-on techniques of working in sculpture such as – subtractive, additive, and relief sculpture using materials such as clay, plaster, wood, wire, and found objects. Sources of inspiration may include realism and abstraction, human forms, functional ceramics, and nature. In addition to the studio experience, sculpture as a form of artistic expression, throughout all time and cultures will be studied.

Prerequisite: Successful completion of Art 1 11911 or Mixed Media 1192

This course meets the requirement for .5 credit in Fine Arts. (SLE: A4)

Advanced Sculpture 11923 (½ credit) (1 semester) Grade 11-12

This course will focus on expanding sculptural skills learned in Sculpture and will encourage higher level thinking and personal expression. Advanced Sculpture introduced more advanced concepts such as conceptual art and site specific installation. Students will also have the opportunity to develop skills in hand-building with clay and using the potter's wheel. In addition to the studio experience, sculpture as a form of artistic expression, throughout all time and cultures will be studied.

Prerequisite: Successful completion of Sculpture 11922

This course meets the requirement for .5 credit in Fine Arts. (SLE: A4)

Art 3: Drawing 11916 (½ credit) (1 semester) Grades 11-12

In this course students will develop and expand on advanced techniques in drawing with the focus on observational drawing. Students will use pencil, colored pencil, pen & ink, charcoal, paint, and oil/chalk pastels in creative and thought-provoking ways. Students will also improve their skills in critiquing their artwork and the artwork of others. This course will encourage student to develop their own style by creating work that can be used in an art portfolio in preparation for career and college applications.

Prerequisite: Successful completion of Art 2 11912 or Contemporary Painting 11917

This course meets the requirement for .5 credit in Fine Arts. (SLE: A4)

Pathway Course **P**

SOUTH KINGSTOWN HIGH SCHOOL

Art 4 11914 (1 credit) Grade 12

This course will focus on the mastery of art techniques and self-expression. Drawings and paintings will be created in areas of still life, figure, portrait, landscape, and fantasy. Students will learn how to properly assemble a portfolio and prepare one for college and career applications. Students will be expected to work on artwork outside of regular class time.

Students taking this course may be eligible for credit in conjunction with the Rhode Island College Early Enrollment Program.

Prerequisite: Successful completion of Art 3: Drawing 11916

This course meets the requirement for .5 credit in Fine Arts. (SLE: A4)

Pathway Course **P**

AP Studio Art: Drawing 11925 (1 credit) Grade 12

This rigorous course is designed for the highly motivated student who is seriously interested in the practice of art and is ready for challenges beyond the secondary school level. The course reflects high quality art making, concentration in particular area of choice, and breadth of experience. The student will be expected to put in many hours of work outside the regularly scheduled class period. **Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September. Students taking this course may also be eligible for credit in conjunction with the Rhode Island College Early Enrollment Program.**

Prerequisite: A in Art 3: Drawing 11916 and there is required summer drawing assignments that must be completed to be in this course.

This course meets the requirement for .5 credit in Fine Arts (SLE: A4).

Pathway Course **P**

AP 2-D Design 11929 (1.0 credit) Grade 12

This course is designed for the highly motivated art students who is seriously interested in 2-D Design and is ready for the challenges beyond the secondary level. This course reflects quality and a sustained concentration in a particular area of choice and a breadth of experience. The main focus of the course includes utilizing the elements and principles of design in a conscious way to create 2-D compositions. The principles of design (unity/variety, balance, emphasis, contrast, rhythm, repetition, proportion/scale figure/ground relationships) are used in conjunction with the visual elements (line, shape, color, value, texture, space) as the organizational tools needed for effective design. This advanced course allows students apply their knowledge and experiences of 2-D design through many 2-D processes including illustration, graphic design, photography, collage, textile design, and printmaking. The student will be expected to put in many hours of work outside the regularly scheduled class period. **Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment for the exam will be required during the first weeks of school in September.**

Prerequisite: Art 3 or Graphic Design and there is required summer drawing assignments that must be completed to be in this course.

This course meets the requirement for .5 credit in Fine Arts. (SLE: A4) Pathway Course **P**

SOUTH KINGSTOWN HIGH SCHOOL

Graphic Arts 11919 (½ credit) (1 semester) Grades 11-12

This course explores the art of visual communication through two-dimensional design. Students considering a career in fields such as advertising, publishing, book/magazine layout, packaging design, corporate design, motion graphics, animation, or web design should enroll in this course. An emphasis will be placed on the practical aspects of commercial art and how it is used in real world applications. Students will engage in techniques, tools, and procedures used in the creative design process. Students will work both in the computer lab and the art studio combining digital work with traditional art materials. Class assignments will explore the Elements and Principles of Art and Design while instructing students through the applications of Adobe Photoshop, Illustrator, InDesign and other software programs. Possible projects include digital collage, typographic portraits, logo development, branding and corporate identity, poster design, CD covers, packaging design, and book design.

Prerequisite: B or better in Art 1 11911 or Mixed Media 11920 **or** Fine Arts proficiency in another area.

This course provides opportunities to meet the requirements for a .5 credit in Technology or a .5 credit in Fine Arts. Students may use this course to earn either .5 credit in Technology or the .5 credit in Fine Arts – not both. (SLE: A4)

Pathway Course **P**

Photography 11921 (½ credit) (1 semester) Grades 11-12

Students are encouraged to have their own digital SLR camera; however, students without cameras will be able to use the school's equipment in class. This course explores photography as a powerful means of communication and as an expressive form of contemporary art. Students learn camera basics and all aspects of digital cameras and photography techniques. Students learn tools necessary to enhance and manipulate images using Adobe Photoshop.

Prerequisite: Successful completion of Art 1 11911 or Mixed Media 11920 **or** Fine Arts proficiency in another area.

Students may use this course to earn either .5 credit in Technology or the .5 credit in Fine Arts – not both. (SLE: A4)

Pathway Course **P**

Advanced Photography 11924 (½ credit) (1 semester) Grades 11-12

Students MUST have their own digital SLR camera

This course will focus on expanding the skills learned and applied in the entry level Photography class, particularly for use in real world applications (Project-Based Learning) including school and community-based projects. Students will be introduced to more sophisticated techniques in both photography and Photoshop as a vehicle to create works that reflects that individual student's spirit and vision. The development of a portfolio, including a concentration that investigates an idea of personal interest, is the cornerstone of this class. Students must own their own camera as there will be assignments that will be completed outside of the classroom.

Prerequisite: Successful completion of Photography

SOUTH KINGSTOWN HIGH SCHOOL

Students may use this course to earn either .5 credit in Technology or the .5 credit in Fine Arts – not both. (SLE: A4)

Pathway Course **P**

Print Media Publishing 11927 (½ credit) (1 semester) Grade 12

Print Media Publishing provides students with experience in marketing by working solely towards the completion and selling of a major finished product - South Kingstown High School's yearbook - *The Anchor*. This class is different from other courses offered in that it is a business entity which must maintain financial records – and balance all accounts at the end of semester. Students will work as a team to brainstorm, develop a unifying theme, collect content, conduct interviews, report on school events, write stories, take and edit photographs, design layouts, manage finances, strategize sales/advertising campaigns, and plan for distribution of the completed product. This course also examines the legal and ethical issues of media law and copyright protections. Students should also expect to work in small groups after school, at school events, and in the course's assigned classroom working on yearbook related tasks.

Prerequisite: Photography 11921 or Graphic Arts 11919

This course meets the requirement for a .5 credit in technology or the requirement for .5 credit in Fine Arts.

(SLE A1, A2, A3)

Pathway Course **P**

SOUTH KINGSTOWN HIGH SCHOOL



Music Pathway



General Music Pathway Courses

- Guitar 1 or Piano 1
- Guitar 2 or Piano 2
- EEP Music Theory
- Internship or Senior Project aligned to Pathway



Post-Secondary Credit Opportunities in Pathway

** EEP Credit through Music Theory **

Music Education Performance Pathway Courses

4 Years of the following courses, 2 years must be at the Honors level

- Concert Band or
- Jazz Ensemble or
- Chorus or
- eSKape or
- Symphony Orchestra
- EEP Music Theory
- Internship or Senior Project aligned to Pathway
- Internship or Senior Project aligned



Post-Secondary Credit Opportunities in Pathway

** EEP Credit through Music Theory **

SOUTH KINGSTOWN HIGH SCHOOL

MUSIC

Guitar 1 11943 (½ credit) (1 semester) Grades 9-12

This course is for students looking to learn guitar or those guitarists who wish to improve their playing skills. Classwork is focused on developing rhythm/lead/and bass guitar playing skills through daily performance, small group work and individual projects. Rhythm guitar unit focuses on first position chords and later, barre chords, power chords and selected advanced techniques as time and ability allow. Lead guitar unit is focused on reading melodies and learning to improvise while playing as a class “band” using pop, rock, folk and student-selected songs for study. Students are encouraged to speak with the teacher for more information about the course.

Prerequisite: NONE

NOTE: A supply of school-owned guitars is available for daily use and at-home practice. In some cases, students may need to use personally-owned guitars acoustic guitars.

This course meets the requirement for .5 credit in Fine Arts. (SLE: A4)

Pathway Course **P**

Guitar 2/Rock Workshop 11945 (½ credit) (1 semester) Grades 9-12

Guitar 2 builds upon the skills introduced in Guitar 1, covering advanced chord shapes in all positions up the neck, moveable scales for soloing in blues, pentatonic, major and minor keys. Advanced students will build upon their reading skills in playing melodies in 1st position and 5th position, and we will look at understanding and playing TABs online. Additionally, students will explore right hand techniques more deeply including fingerpicking and more advanced strumming patterns. This class will combine with Piano 2 class to play selected songs in small and large groups using bass, drums, percussion and vocals, and students will be required to perform on at least ONE alternate instrument (Bass/Vocal/Percussion/Keys, etc..)

Prerequisite: **Guitar 1 or Audition with Instructor**

NOTE: A supply of school-owned guitars is available for daily use and at-home practice. In some cases, students may need to use personally-owned acoustic guitars.

This course meets the requirement for .5 credit in Fine Arts. (SLE: A4)

Pathway Course **P**

Concert Band 11940 (1 year) (1 credit) Grades 9-12

Concert Band provides the high school band musician the opportunity to play each day and to develop their technique and performance skills through daily practice, study of high-quality music, and multiple performance opportunities. Experience is provided in instrumental ensemble performance, with a focus on music reading, individual and ensemble technique, listening and ensemble performance skills. Literature from several musical genres and periods may be studied in rehearsal and mature musicianship is encouraged through preparation for indoor and outdoor performances throughout the year. Students are expected to participate in approved school and town performances. **THIS COURSE IS STRONGLY RECOMMENDED FOR STUDENTS INTERESTED IN PLAYING IN ORCHESTRA.**

This course meets the requirement for .5 credit in Fine Arts. (SLE: A2, A4, C6)

As an essential element in the development of advanced individual musicianship and technical development, all students are required to participate in the Pep & Marching Bands (some students may be invited to perform on a secondary instrument that is more appropriate for the marching genre with the approval and additional assistance of the

SOUTH KINGSTOWN HIGH SCHOOL

director). Additional rehearsals may be scheduled throughout the year as required and most performances take place outside of the regular school hours.

Pathway Course **P**

String Ensemble 11964 (1 year) (1 credit) Grades 9-12

String Ensemble provides the high school string player the opportunity to develop their technique and performance skills through daily practice, study of high-quality music, and multiple performance opportunities. Experience is provided in instrumental ensemble performance, with a focus on music reading, individual and ensemble technique, listening and ensemble performance skills. Literature from several musical genres and periods may be studied in rehearsal and mature musicianship is encouraged through preparation for indoor and outdoor performances throughout the year. Students are expected to participate in all school scheduled performances. **THIS COURSE IS STRONGLY RECOMMENDED FOR ALL 9TH GRADE STRING PLAYERS. String Ensemble students are expected to be part of the SKHS afternoon Symphony Orchestra and attend at least 2 rehearsals prior to any scheduled performance.**

This course meets the requirement for .5 credit in Fine Arts. (SLE: A2, A4, C6)

Prerequisite: Ability to perform on string instrument above beginning level is necessary and may require auditions for acceptance into the course.

Pathway Course **P**

Symphony Orchestra PM 11930/11931 (.25 credit per semester) Grades 9-12

Symphony Orchestra provides the high school orchestral musician the opportunity to play each day and to develop their technique and performance skills through daily practice, study of high-quality music, and multiple performance opportunities. Experience is provided in instrumental ensemble performance, with intense training in music notation reading, advanced level technical development, listening and ensemble performance skills. Literature from several musical periods may be studied in rehearsal and mature musicianship is encouraged through preparation for performances throughout the year. Students are expected to participate in all scheduled performances. **To maintain proper balance and instrumentation, percussion and wind players MAY be asked to audition for membership. The course meets two times per week after school hours.**

Prerequisite: Ability to perform on an orchestral instrument above beginning level is necessary and may require auditions for acceptance into the course.

This course meets the requirement for .5 credit in Fine Arts. (SLE: A2, A4, C6)

Pathway Course **P**

Jazz Band 11969 (1 year) (1 credit) Grades 9-12

Experience is provided in jazz and band instrumental ensemble performance, with intense training in music notation reading, advanced level technical development, improvisation, and ensemble performance. Literature from various jazz and band idioms is studied in rehearsal, and mature musicianship is encouraged through preparation for public concert. Students are expected to participate in approved functions of the school, town, and state. This course may schedule additional sectionals intermittently throughout the year.

This course meets the requirement for .5 credit in Fine Arts. (SLE: A2, A4, C6)

As an essential element in the development of advanced individual musicianship and technical development, all students are considered part of the SKHS Band, and will required to participate in the Pep, Marching, and Concert Bands (some students may be

SOUTH KINGSTOWN HIGH SCHOOL

asked to perform on a secondary instrument that is more appropriate for the band genre with the approval and additional assistance of the director). **NOTE:** Approval of the music director and/or auditions at the end of the prior school year will determine enrollment in the course for the 2018-2019 school year.

Pathway Course **P**

Music Technology 11968 (1 semester) (½ credit) Grades 9-12

This course provides technical, hands-on approach for composing and arranging music using *NoteFlight*, *Audacity*, *Mixcraft* and other music software applications. Students will compose and arrange music using both live and virtual instruments. This course is designed for students who wish to develop basic music skills or expand on their existing skills. No previous music experience necessary.

Students may use this course to earn either .5 credit in Technology or the .5 credit in Fine Arts – not both. (SLE: A3, A4)

Piano 1 11965 (1 semester) (½ credit) Grades 9 – 12

This course is designed for students who wish to develop basic piano playing skills or expand on their existing skills. While playing, students will work individually and in small groups to master the techniques of playing while building upon an understanding of notes, rhythm, harmony, and form, as well as developing a vocabulary of scales, chords, and musical keys. All students will have the opportunity to perform alone and with an ensemble.

No previous musical experience is necessary.

This course meets the requirement for .5 credit in Fine Arts. (SLE: A3, A4, S8)

Pathway Course **P**

Piano 2 /Rock Workshop 11967 (½ credit) (1 semester) Grades 9-12

Piano 2 is the natural extension of the curriculum of skills and music techniques introduced in Piano 1. Students will review and expand on C and G position, chord progressions, and scales. The course will run concurrently with Guitar 2 and students will join together to create “bands” that will perform together. All students will perform on their primary instrument as well as at least one secondary instrument (guitar, bass, drums, percussion, voice).

Prerequisite: Piano 1 or Audition with Instructor

This course meets the requirement for .5 credit in Fine Arts.

Pathway Course **P**

Concert Choir (formerly Chorus) 11950 (1 year) (1 Credit) Grades 9 – 12

This is a soprano, alto, tenor, bass choral ensemble. This course is designed for students who wish to develop their singing technique, or expand on previous choral experience. While singing repertoire of various genres spanning from the Renaissance to modern day, students will build upon their understanding of proper vocal technique and performance, musical notation and solfège. Students will also develop the ability to sing in a round, sight-read and part-sing. Students are required to attend all choral concerts and functions, both during and after school hours.

This course meets the requirement for credit in Fine Arts, as well as community service hours for portfolio. (SLE: A4, S7, S8)

Pathway Course **P**

SOUTH KINGSTOWN HIGH SCHOOL

eSKape - Contemporary/Jazz Select Choir 11951 (1 year) (½ Credit) Grades 9 – 12

This is a select vocal ensemble **that meets after school hours, 2 days per week and every other Friday** to sing a variety of genres including jazz and popular music. While learning repertoire of various genres, students will build upon their understanding of proper vocal technique and performance, musical notation and solfège. Students will also develop the ability to sight-read, part-sing, and improvise. This ensemble competes and performs regularly and publicly, in a professional capacity. Students are required to attend all class meetings, and choral concerts, as well as all performances outside of SKHS, both during and after school hours.

Prerequisite: Students must be able to tunefully sing a modern piece of repertoire a capella and from memory, repeat given melodies within their vocal range, sight read basic melodies, and part sing within an SATB format. Previous choral experience is preferred but not required.

Admission is by audition only.

This course meets the requirement for .5 credit in Fine Arts and community service hours for portfolio. (SLE: A4, S7, S8)

Pathway Course **P**

Music Theory 11960 (½ credit) (Semester) Grades 11-12

Music Theory explores the language of music through its symbols, construction, harmony, melody, rhythm, meter, and form while developing the student's musical mind and listening skills through ear training and sight singing.

Students will work on daily/weekly assignments and projects while using a variety of digital and traditional tools in building their understanding and comprehension of music in its many forms.

Time will be allotted for composition and arranging activities that build upon their understanding of music theory while developing a clear and comprehensive mastery of the language of music.

This course meets the requirement for .5 credit in Fine Arts. Students taking this course may also be eligible for credit in conjunction with the Rhode Island College Early Enrollment Program.

Pathway Course **P**

HONORS MUSIC INFORMATION

Honors Level Requirements for Band/Jazz/String Ensemble & Symphony Orchestra Classes:

Students in the above classes may elect to receive Honors Level Credit. The requirements for Honors Credit are listed below:

Students are expected to participate in approved functions of the school, town, and state. In addition to all rehearsals, concerts, and functions, students must complete the following:

1. Audition for RIMEA All-State or perform at the RIMEA Solo & ensemble Festival.
2. Submit one concert review paper per semester
3. Participate in one extra-curricular performance to be approved/assigned by the instructor.

All requests for enrollment in this course and the earning of Honors/weighted credit must be submitted and completed by the September deadline as outlined yearly in the South Kingstown High School Music Department Handbook.

SOUTH KINGSTOWN HIGH SCHOOL



Theater Pathway



Musical Theater Pathway Courses

- Drama/Musical Theater I
- Technical Theater or Fashion Design or Music Class
- Drama/Musical Theater 2
- Drama/Musical Theater 3 or EEP Honors Lit Approaches to Drama
- Internship or Senior Project aligned to Pathway



Post-Secondary Credit Opportunities in Pathway

** EEP Credit through Honors Lit
Approaches to Drama**

SOUTH KINGSTOWN HIGH SCHOOL

THEATER ARTS

Technical Theater 11174 (½ credit) (1 semester) Grades 9-12

This is an introductory course covering the technical aspects of theater such as set design and construction, lighting, sound, stage management, makeup and special effects. Students may be required to be involved with production work outside of the class through the drama club or other theater class productions. This course meets the requirement for .5 credit in the Fine Arts. This course does *not* provide the opportunities to meet the requirements of the Fine Arts Proficiency.

This course meets the requirement for .5 credit in Fine Arts.

Pathway Course **P**

Drama/Musical Theater 1 11175 (½ credit) (1 semester) Grades 9-12

This course includes training in body and voice communication, mental discipline, creativity, and dramatic tradition. Students will focus on play structure, analysis and performance with an introduction to Musical Theatre. This Course will introduce the fundamentals of theatre and musical theatre. Students will be creating, performing, analyzing, and critiquing dramatic performances to develop a deeper understanding of musical and dramatic theater.

Singing ability or experience is **NOT** a requirement of this course.

This course meets the requirement for .5 credit in Fine Arts. (SLE: A4)

Pathway Course **P**

Drama/Musical Theater 2 11176 (½ credit) (1 semester) Grades 9-12

This course explores and further develops musical and theatrical skills learned in Drama/Musical Theater 1. Students will focus on a variety of acting methods, scene and character study, and Musical Theatre techniques. Students will learn how to audition along with creating, performing, analyzing, and critiquing dramatic performances to further develop an understanding of musical and dramatic theater.

Singing ability or experience is **NOT** a requirement of this course.

Prerequisite: C or better in Drama 1

This course meets the requirement for .5 credit in Fine Arts. (SLE: A4)

Pathway Course **P**

Drama/Musical Theater 3 11177 (½ credit) (1 semester) Grades 9-12

This course explores and further develops musical and theatrical skills learned in Drama/Musical Theater 1 and 2. Students will study advanced acting methods through scene and character study. There will be an emphasis on auditioning technique, working with accents and developing your singing voice. Students will be expected to perform in a classroom and/or public setting.

Prerequisite: C or better in Drama/Musical Theater 2

This course meets the requirement for .5 credit in Fine Arts. (SLE: A4)

Pathway Course **P**

APPENDIX

Departmental Flow Charts

Student Learning Expectations

Fourth Credit in Math Information

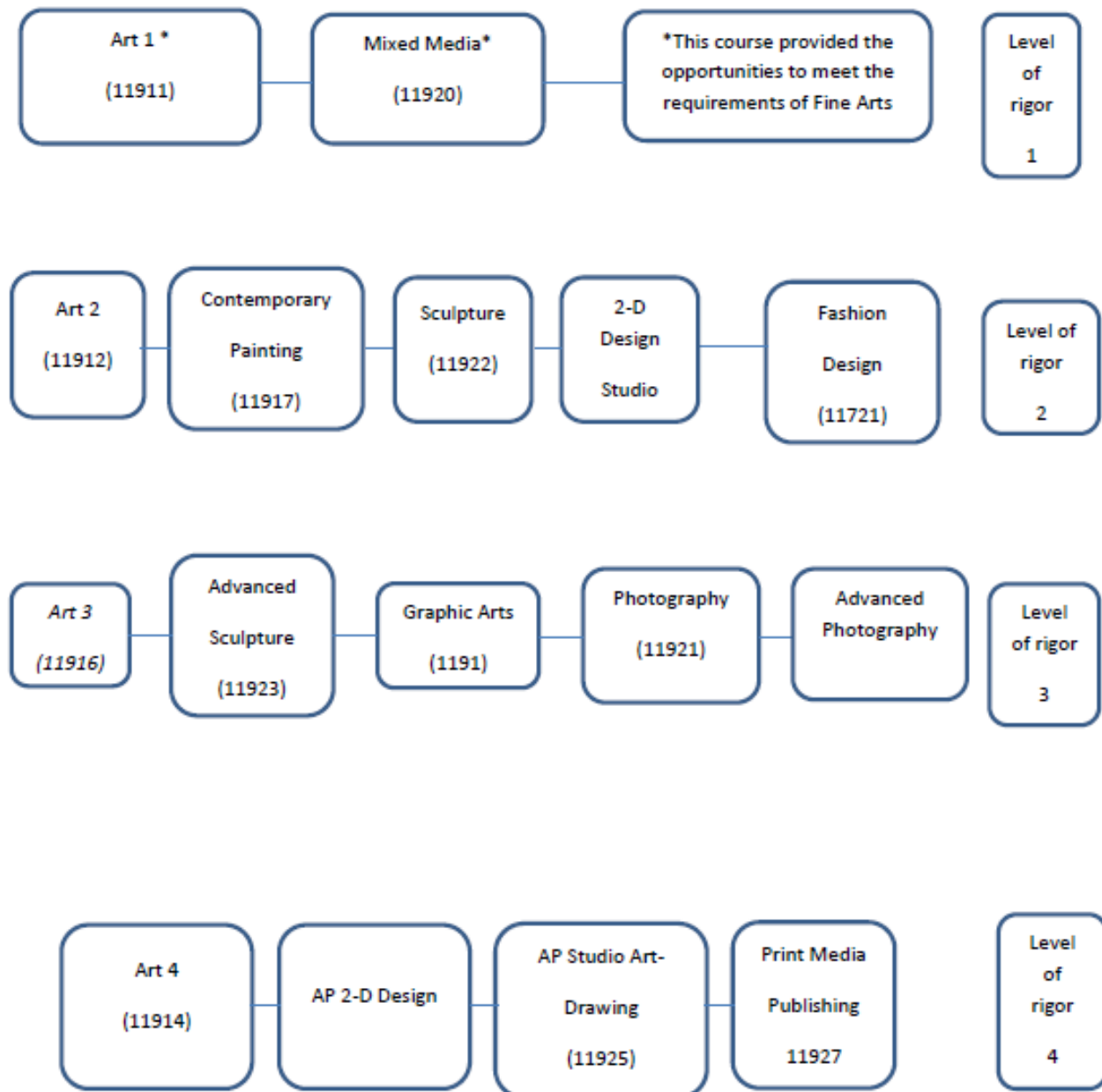
Proficiency in Technology



SOUTH KINGSTOWN HIGH SCHOOL

Departmental Flow Charts

Visual Arts Division Sequence



SOUTH KINGSTOWN HIGH SCHOOL

Business Department Course Offerings

Grade 9

Sports
Marketing I
9-12

Emerging
Technologies/Business
Leadership
9-10*

Grade 10

ALL CLASSES LISTED ABOVE PLUS
THESE ADDITIONAL COURSES

Accounting I
^*

Global/International
Business

Coding/Web Page Design Using
HTML and CSS*

Grades 11 & 12

ALL CLASSES LISTED ABOVE PLUS
THESE ADDITIONAL COURSES

Business Computing
Applications +*
(BUS 110)

Introduction
to Business +
(BUS 140)

Financial Accounting-
Accounting II^+*
(BUS 201)

Personal
Financial
Planning^*

Internship

Sports
Marketing II

Law
&
Current Legal Issues

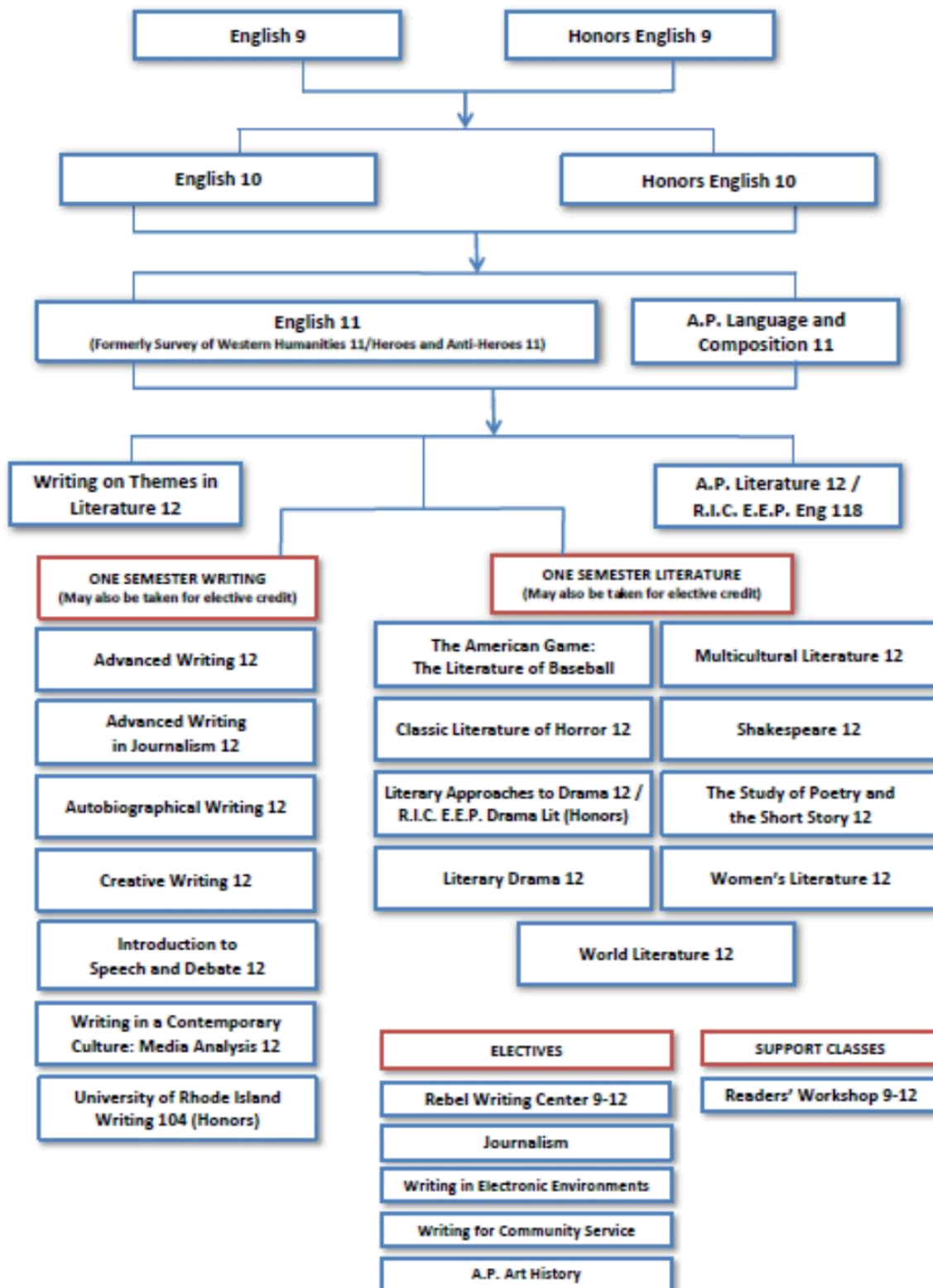
*Meets graduation requirements for a .5 credit in technology for
students graduating 2018 & 2019

+Can be taken for URI college credit

^Meets graduation requirements for Mathematics credit

SOUTH KINGSTOWN HIGH SCHOOL

SKHS English/Language Arts 2018-2019



SOUTH KINGSTOWN HIGH SCHOOL

Family & Consumer Science Department Course Offerings

Grade 9 – 12

Child
Development I

Culinary
Arts I[^]

Textile
Arts I

Grades 10, 11, & 12

ALL CLASSES LISTED ABOVE PLUS THESE
ADDITIONAL COURSES

Child
Development II[#]

Culinary Arts
II^{^#}

Culinary Arts
III [^]#

International
Cuisine[#]

Life Skills- Independent Living
Grades 11 & 12

[^]Meets graduation requirements for Mathematics credit

[#] Prerequisite required

SOUTH KINGSTOWN HIGH SCHOOL

ADDITIONAL MATH COURSES

**Math Skills
Workshop**

**AP
Computer
Science
Principles**
(1 credit)

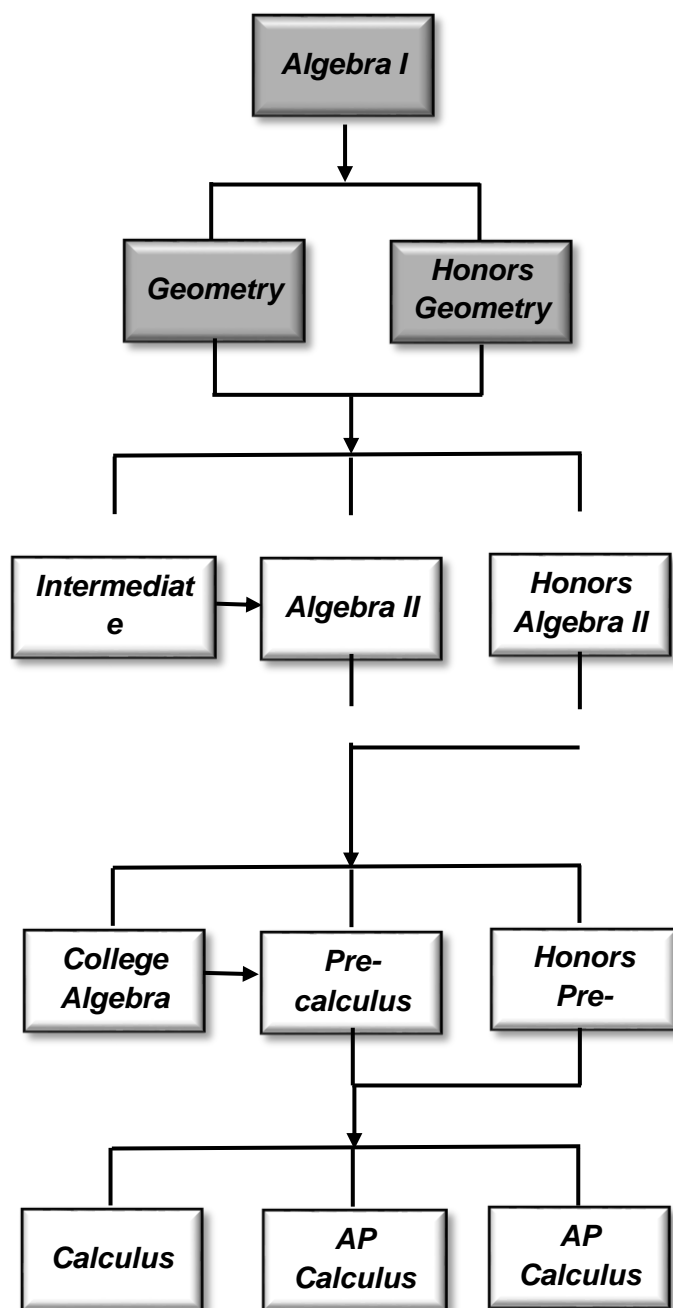
**Application
s
Programmi
ng**
(1 credit)

**AP
Statistics**
Grade 11, 12

**Discrete
Math**
(½ credit)
Grade 12

**Probability
and
Statistics**
(½ credit)

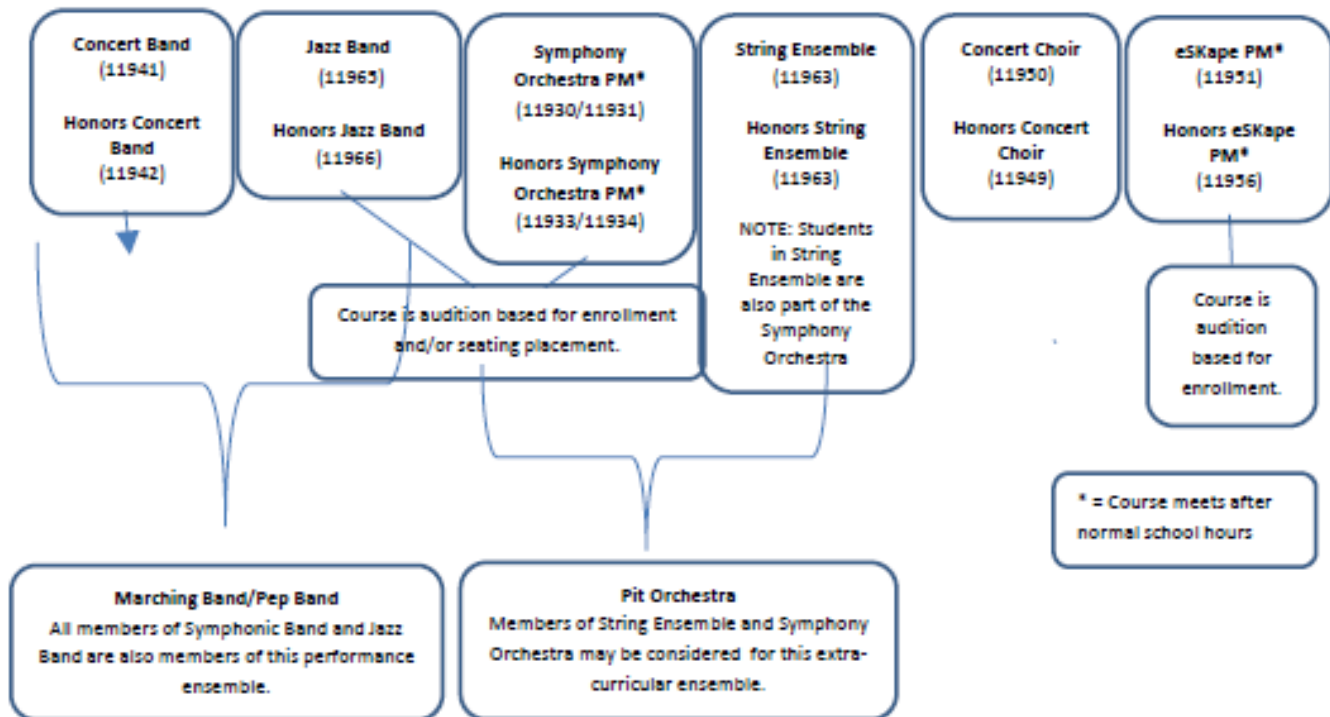
**Alternative
Math
Credits**
Grade 12



SOUTH KINGSTOWN HIGH SCHOOL

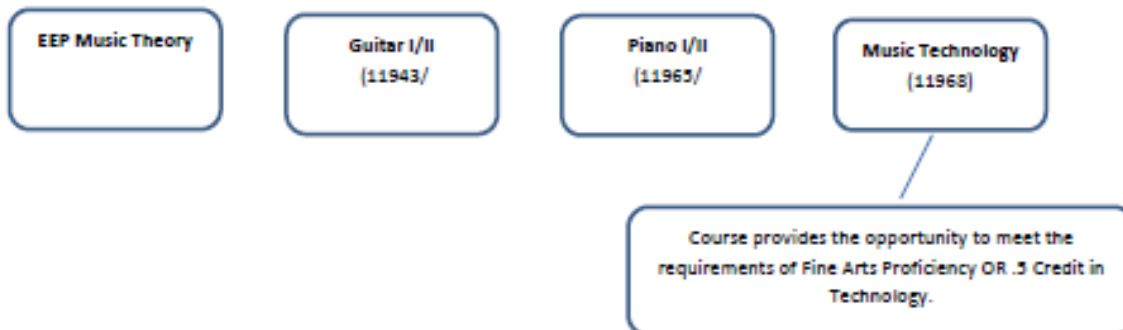
Music Ensembles

Ensemble courses are open to all grades and may be taken multiple times. Level of rigor increases as students advance in grade level. All courses provide the opportunity to meet the requirements of Fine Arts Proficiency.



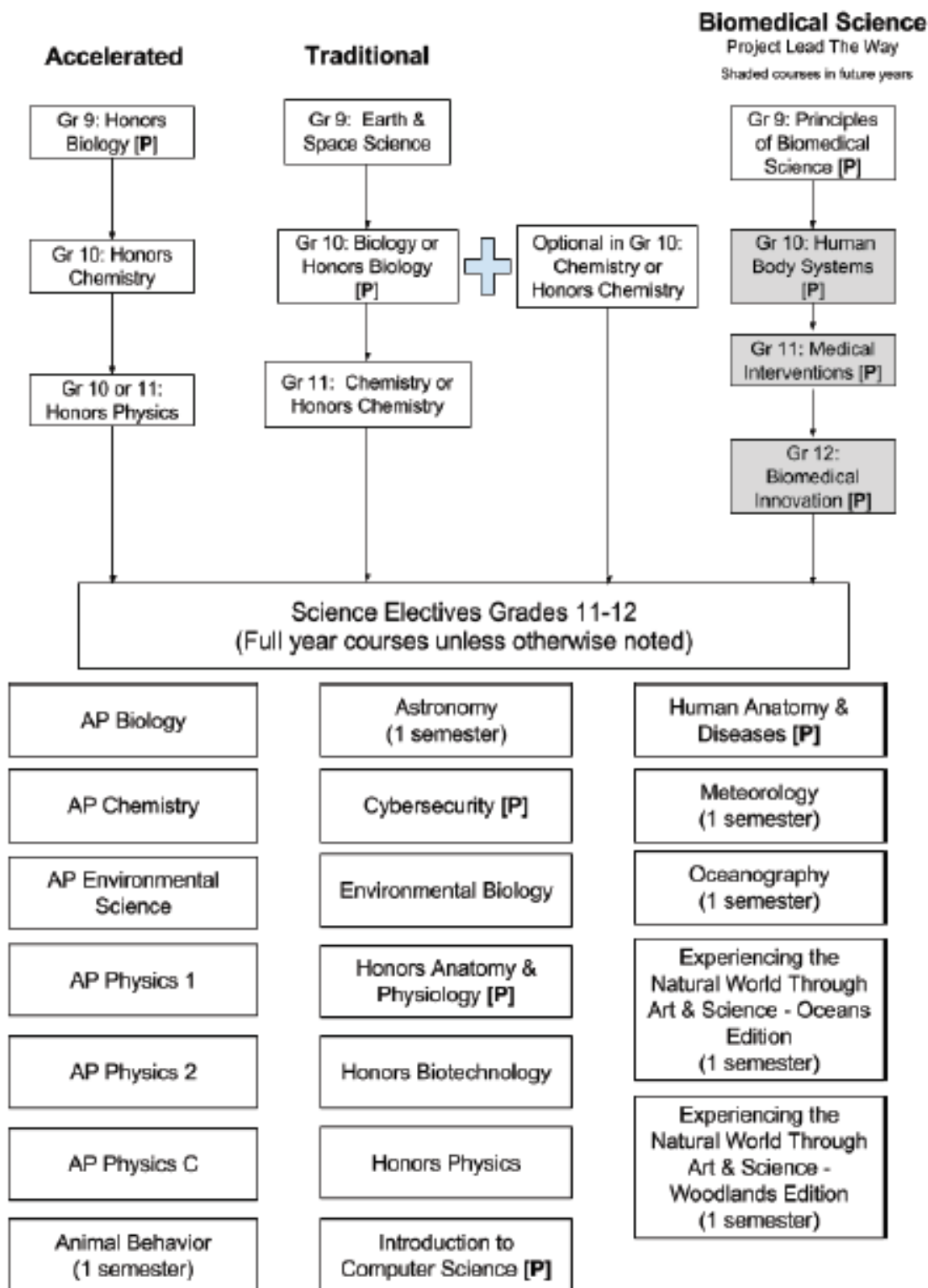
General Music Electives

General Music Electives may be taken only once and only Guitar II and Piano II have prerequisites (or instructor approval). All courses provide the opportunities to meet the requirements of Fine Arts Proficiency.



SOUTH KINGSTOWN HIGH SCHOOL

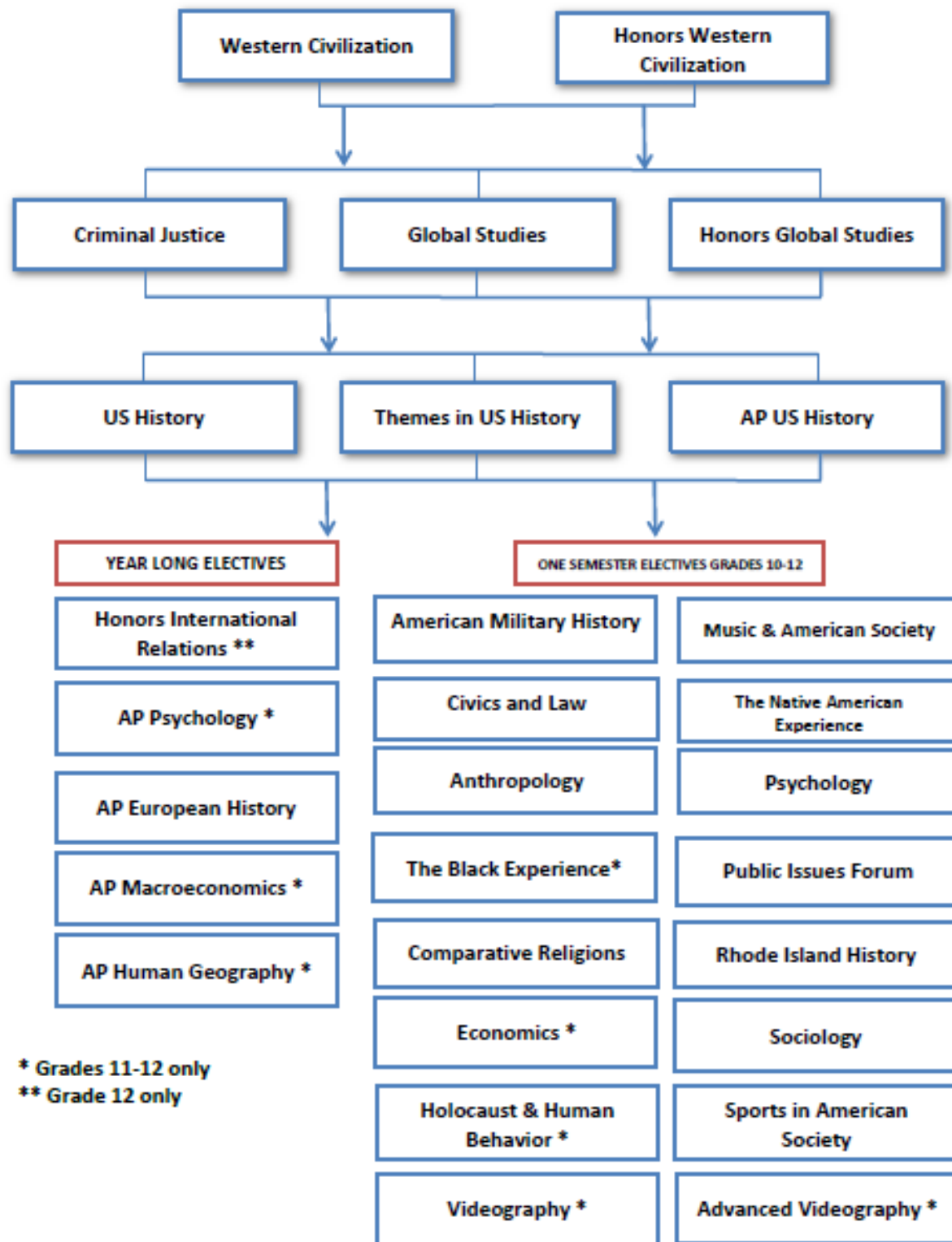
SKHS Science Courses 2018-2019



[P] Required courses for pathways

SOUTH KINGSTOWN HIGH SCHOOL

SOCIAL STUDIES DEPARTMENT



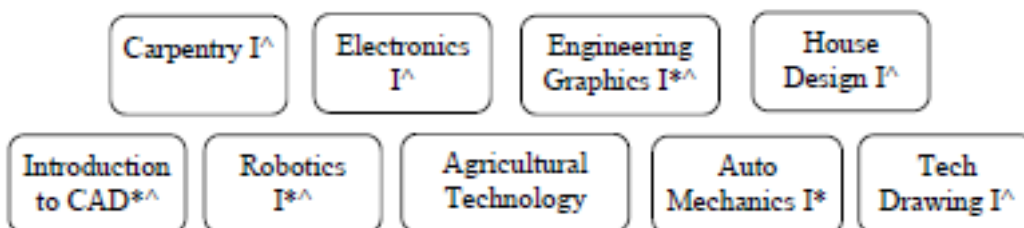
* Grades 11-12 only

** Grade 12 only

SOUTH KINGSTOWN HIGH SCHOOL

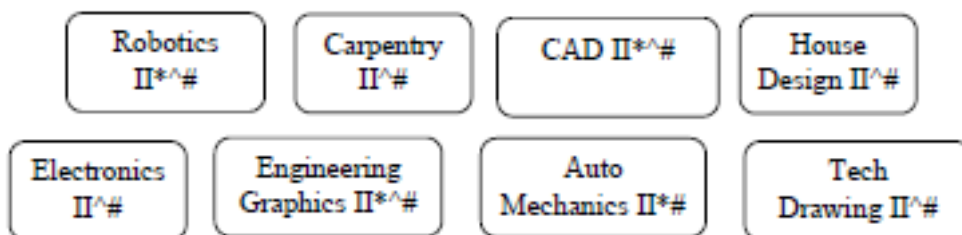
Technology Education Department Course Offerings

Grade 9 - 12



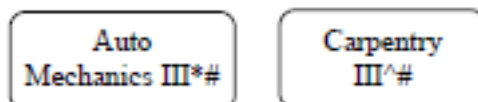
Grades 9 -12 with Prerequisites

ALL CLASSES LISTED ABOVE PLUS
THESE ADDITIONAL COURSES



Grades 10 & 12

ALL CLASSES LISTED ABOVE PLUS
THESE ADDITIONAL COURSES



Grades 11 & 12

Introduction to
Engineering and Technology^{*+}

*Meets graduation requirements for a .5 credit in technology for students graduating 2018 & 2019

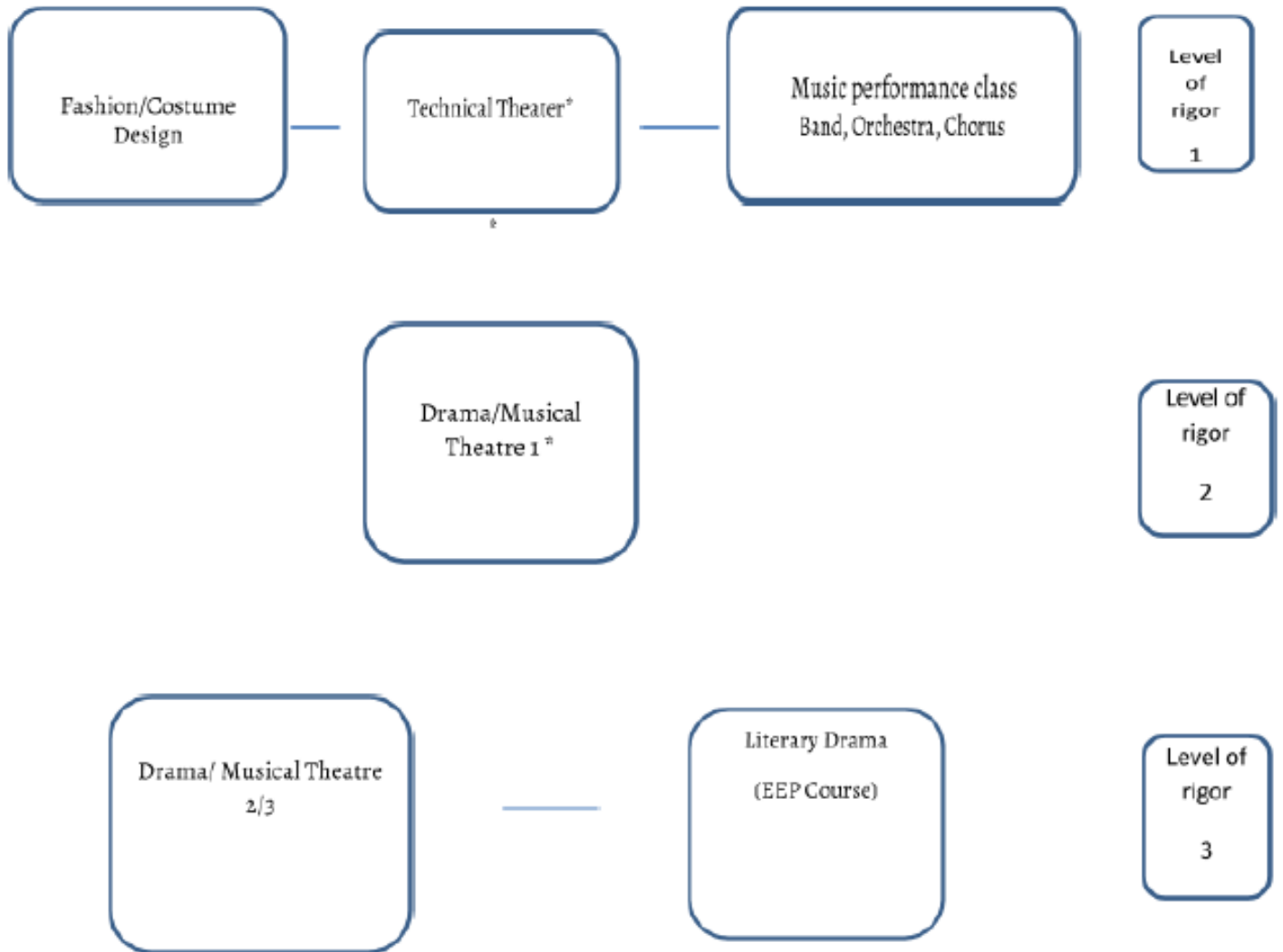
[^]Meets graduation requirements for Mathematics

[#]Prerequisite required

⁺Can be taken for CCRI college credit

SOUTH KINGSTOWN HIGH SCHOOL

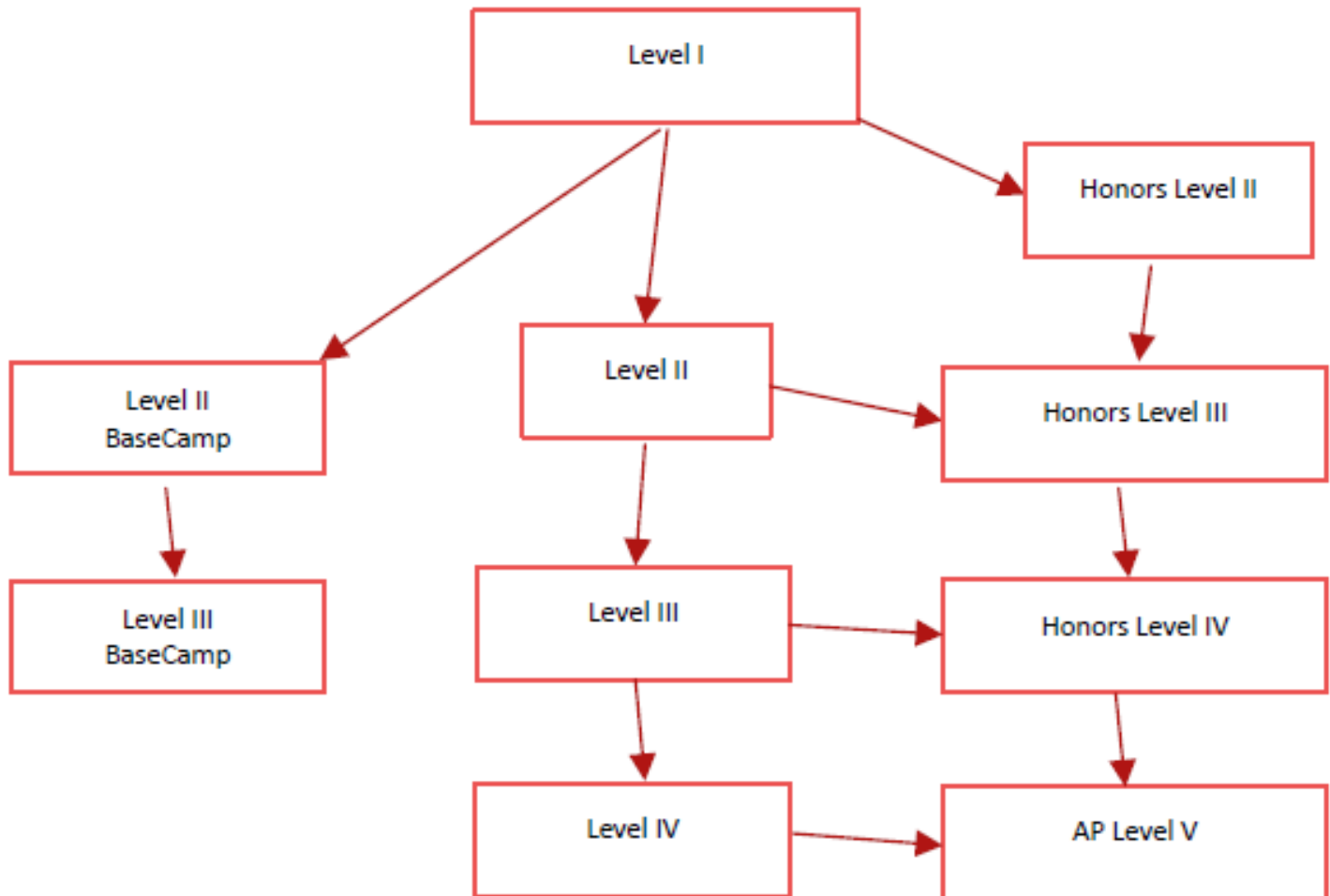
Theatre Arts Sequence



SOUTH KINGSTOWN HIGH SCHOOL

Flow Chart of Courses in the World Language Department

French, Italian, and Spanish Classes



SOUTH KINGSTOWN HIGH SCHOOL

STUDENT LEARNING EXPECTATIONS

- A1. All students will demonstrate critical thinking by
 - Acquiring and analyzing information
 - Employing effective research skills
 - Using logic in problem solving
 - A2. All students will demonstrate effective communication skills by
 - Reading and writing critically for a variety of purposes
 - Speaking and listening accurately in a variety of settings
 - A3. All students will utilize technology effectively in research, communication and/or design
 - A4. All students will demonstrate skills and accomplishments in the fine arts.
 - C5. All students will demonstrate an understanding of human rights and diversity
 - C6. All students will demonstrate an understanding of political, environmental, social and economic issues that affect the present and future health of our community and world.
 - S7. All students will demonstrate an understanding of the connection between choices made and the physical, social, and emotional well-being of an individual and/or group.
 - S8. All students will identify goals, set priorities, and manage their own progress.
- The mission of the South Kingstown School District is to educate and engage ALL of our students in the knowledge and skills necessary to ensure readiness and success in college and career. The Student Achievement and Success Policy aims to communicate the school committee's collective commitment to raising the levels of student achievement and closing gaps among all student subgroups. High expectations are held for every student. This policy declares the district-wide outcome-focused framework of expectations to be used to accomplish the district mission of improving student achievement.

Guiding Beliefs

Every decision the South Kingstown school system makes, and every policy created, is grounded in these guiding beliefs. We believe that **All Children Can Learn When:**

- Every student has highly effective teachers and schools have highly effective leaders
- Students are ensured a safe and personalized learning environment
- Many pathways are provided for students to access and demonstrate their learning
- Educators successfully partner with families
- There are high expectations for all students
- All students are actively engaged in their own learning
- Relevant, timely and practical data systems, and the outputs of those systems, such as assessments and data analysis, drive continuous improvement

SOUTH KINGSTOWN HIGH SCHOOL

Goals: Our commitment to academic excellence and student success

We will:

- Ensure that all schools and programs are accelerating student achievement and closing gaps
- Ensure all students experience a rigorous curriculum and are challenged by it in their learning. Further, the curriculum will be aligned to internationally bench-marked standards that are achieved through many pathways of learning
- Implement high quality, comprehensive local assessment and reporting systems based on internationally bench-marked standards that are evidence-based and data driven
- Ensure continuity and alignment with academic success and core instruction, from building to building and progression from one academic level to the next, and at the same time, fostering uniqueness of each school in response to its community
- Ensure all staff and faculty – teacher to teacher and team to team – are responsible for student success from preschool to graduation

Outcome expectations for students as learners

Our commitment is to develop students who can demonstrate achievement in five (5) knowledge and skill areas:

- art and culture
- collaborative teamwork
- life skills
- literacy and communication
- math and science.

THE COMMON CORE STATE STANDARDS

The Common Core State Standards Initiative is a state-led effort coordinated by the National Governors Association Center for Best Practices (NGA Center) and the Council of Chief State School Officers (CCSSO). The standards were developed in collaboration with teachers, school administrators, and experts, to provide a clear and consistent framework to prepare our children for college and the workforce.

These standards define the knowledge and skills students should have within their K-12 education careers so that they will graduate high school able to succeed in entry-level, credit-bearing academic college courses and in workforce training programs. The standards:

- Are aligned with college and work expectations;
- Are clear, understandable and consistent;
- Include rigorous content and application of knowledge through high-order skills;
- Build upon strengths and lessons of current state standards;
- Are informed by other top performing countries, so that all students are prepared to succeed in our global economy and society; and
- Are evidence-based.

SOUTH KINGSTOWN HIGH SCHOOL

South Kingstown High School utilizes these standards and expectations and the ***Regulations of the Board of Regents for Elementary and Secondary Education K- 12 Literacy, Restructuring of the Learning Environment at the Middle and High School Levels, and Proficiency Based Graduation Requirements (PBGR) at High Schools*** to ensure that our

students graduate with the knowledge and skills required to succeed and achieve their personal and professional goals.

FOURTH CREDIT IN MATHEMATICS

The fourth year credit in Mathematics, to be taken during the senior year, may be earned in a non-Mathematics course that meets Common Core State Standards in Mathematics. Courses which meet the criteria as a mathematics credit are so noted in their course descriptions and are listed below. Please note that a given course CANNOT meet two graduation requirements, i.e. one of the credits in mathematics and, at the same time, one of the credits in science.

Science (1.0 credit each)

Chemistry 11431	Honors Chemistry 11432	AP Chemistry 11433
Honors Physics 11446	AP Physics 1 11445	AP Physics 2 11444

Business and Computer Studies (.5 credit each)

Accounting 1 11602	Financial Accounting - Accounting 2 11630	Personal Financial Planning 11665
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Family and Consumer Sciences (.5 credit each)

Culinary Arts 1 11701	Culinary Arts 2 11702	Culinary 3 11731
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Technical Education (.5 credit each)

Carpentry 1 11857	Carpentry 2 11858	Carpentry 3 11861
Electronics 1 11830	Electronics 2 11831	Engineering Graphics 1 11880
Engineering Graphics 2 11881	House Design 1 11883	House Design 2 11884
Introduction to Computer Aided Drafting 11886	Computer Aided Drafting 2 11887	Robotics 1 11800
Robotics 2 11801	Technical Drawing 1 11870	Technical Drawing 2 11871

SOUTH KINGSTOWN HIGH SCHOOL

PROFICIENCY IN TECHNOLOGY (for students in the Class of 2019)

Technology is used in every facet of one's life whether one is a student, employee or citizen. It is ever changing and should be considered lifelong learning. Students must demonstrate the use of technology in all disciplines of their coursework.

Students may use a variety of software applications from any course; however, the rubric for the project must demonstrate the student's broad knowledge of the software. Listed below are courses which offer great emphasis on technology and software usage and, in successfully completing one of these courses, students will also earn the required 0.5 credit in a technology course for graduation (requirement for Class of 2019).

These courses are 0.5 credit each unless otherwise noted.

Emerging Technologies/Business Leadership 11622	Business Computing Applications 11624	Coding/Web Page Design Using HTML and CSS 11627
Accounting 1 11602	Financial Accounting - Accounting 2 11630	Honors Biotechnology 11428 (1 credit)
Introduction to Computer Science 11366	Advanced Placement Computer Science 11368 (1 credit)	Personal Financial Planning 11665
Auto Mechanics 1 11835	Auto Mechanics 2 11836	Auto Mechanics 3: Computerized Engine Controls & Drivability 11837
Introduction to Computer Aided Drafting 11886	Computer Aided Drafting 2 11887	Engineering Graphics 1 11880
Engineering Graphics 2 11881	Robotics 1 11800	Robotics 2 11801
Music Technology 11968	Graphic Arts 19119	Photography 11921
Print Media Publishing 11927	Introduction to Engineering and Technology 11840 (1 credit)	