

Program of Studies



2019-2020

SOUTH KINGSTOWN HIGH SCHOOL

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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

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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 Fine Arts (requirement for Class of 2020, to include music, theatre arts, and visual arts)

- 6.5 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, and CS Discoveries 1 & 2 (both must be taken for HS 1.0 credit) curriculum with the South Kingstown High School Curriculum. If an incoming ninth grader has earned a C or better in these courses at CCMS, the course and 1.0 credit for each course 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.

Note: CCMS students who have taken CS Discoveries 1 & 2 may enroll in either Intro to Computer Science or AP Computer Science.

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

III. Common Course Assessments

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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 2019-2020 school year will be created based on students course selections, current course academic success and teacher/family conversations.

As students consider their course options for next year, the school counselors will assist students in finalizing their course requests. Students will be scheduled for 8 periods, including at least 7 credits of course work with the option of Personal Learning Time for up to one period. **Student course requests may not always be accommodated once the master schedule is developed, even if course request forms are submitted on time. Students may not receive all of their course requests due to scheduling conflicts, limited course capacities or specific course omissions from the schedule.**

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.

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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 2019-2020 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.

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ADVANCED PLACEMENT COURSES

Students who enroll in Advanced Placement (AP) courses are required to complete the appropriate AP exam in May. Payment and on-line registration for the exam will be required during the first weeks of school. Students who fail to pay the requisite fee (\$100/exam during the 2018-2019 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.

NOTE: College Board will have all students register for AP Exams online beginning 2019-2020 school year. Information regarding registering online will be distributed to students and families in September, however it will be the student's responsibility to register.

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 (<http://thevhscollaborative.org/>) would serve as an 8th course in a student's schedule and would be a course **NOT** offered at South Kingstown High School. There are a limited number of seats available in VHS. This option is open to juniors and senior student after

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students accessing VHS seats due to scheduling conflicts (see above) have been finalized prior to the end of the school year.

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.

The cost of VHS course is covered by the South Kingstown School District, unless the student chooses to drop the course after the designated course dropping deadline. This deadline is set by VHS every semester. Students dropping after this established date, **are responsible for the full reimbursement** (\$425 for regular & honors classes, \$850 for AP classes for 2019/2020 school year) to SKHS for the **entire course fee**.

EARLY COLLEGE, DUAL AND CONCURRENT ENROLLMENT POLICY

Purpose:

The purpose of the Dual Enrollment Policy is to support the enrollment of South Kingstown School District 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. Gen. Laws § 16-100-3(a) and § 16-100-4.

Definitions:

Concurrent Enrollment: A secondary student earns postsecondary credit by enrolling in a course offered through the South Kingstown High School’s Program of Studies (the “Program of Studies”) that is taught by a South Kingstown School District teacher pre-approved by the postsecondary institution(s). Concurrent enrollment courses include Advanced Placement (AP) courses, Advanced Course Network courses, as well as college, university, or career and technical center programs of study in which articulation agreements are available.

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 postsecondary institution, such as a community college, college, or university. This category includes but is not limited to on- campus courses, distance learning (online) courses, and hybrid courses.

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

Postsecondary Institution: Institutions of higher education.

Eligibility:

Concurrent Enrollment: Beginning in 8th grade, students who have completed all prerequisite courses are eligible to participate in concurrent enrollment courses offered in the Program of

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Studies on a space available basis. Specific prerequisite courses are identified in the Program of Studies.

Part-Time Dual Enrollment: Beginning in 11th grade, students who have completed all prerequisite courses are eligible to participate in part-time dual enrollment courses on a space available basis. Specific prerequisite courses are identified in the Program of Studies. College courses not presently offered through the High School's Program of Studies or Community College of Rhode Island's Running Start program must be pre-approved by the student's building principal in order to count as credit toward a student's high school diploma. Students are encouraged to seek pre-approval prior to enrolling in such courses.

Full-Time Dual Enrollment: Beginning in 12th grade, students who have completed all prerequisite courses are eligible to participate in dual enrollment courses on a space available basis. Specific prerequisite courses are identified in the Program of Studies. Full-time dual enrolled students must enroll at the Community College of Rhode Island. The commissioner of postsecondary education may provide a waiver to a student to enroll at Rhode Island College or the University of Rhode Island.

Early College Enrollment: Beginning in 12th grade, students who have completed all prerequisite courses are eligible to participate in early college enrollment on a space available basis. Specific prerequisite courses are identified in the Program of Studies.

In addition to the foregoing requirements, students must also meet the eligibility requirements of the board, network, program, or postsecondary institution to enroll in early college, dual or concurrent enrollment courses.

Eligibility may be denied or withdrawn by the building principal for students who:

- are not on track to graduate and/or have not met graduation benchmarks outlined in the Program of Studies;
- have achieved a GPA below 3.0;
- are chronically absent or tardy; and/or
- engage in serious misconduct that would justify a long-term suspension under SKSC Policy 8305, or that impacts the operation of the instructional program under SKSC Policy 8315;

As a condition of participation in early college and dual enrollment courses, students or parents must agree in writing to allow for a complete exchange of information.

Eligibility Waiver Requests:

Students who have not yet entered the 11th grade but who have completed the prerequisite coursework may request a waiver to become eligible to participate in part-time dual enrollment courses.

Students who have not yet entered the 12th grade but who have completed the prerequisite coursework may request a waiver to become eligible to participate in a full-time dual enrollment or early college enrollment program.

To request a waiver the student must send a letter to the Superintendent during the high school course selection window requesting a review by the South Kingstown Educational Review

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Committee (ERC) (Superintendent, Assistant Superintendent, Pupil Personnel Director and one (1) School Committee Member). If the ERC determines that a hearing is necessary to make a decision, students may invite their parent/guardian to attend.

Grading, Course Credit, and Accommodations:

Grading for concurrent enrollment courses will be in accordance with the grading policy/procedures at South Kingstown High School. 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 must be included on an official student transcript from the post-secondary institution (if equivalent to South Kingstown High School courses). Subject to the eligibility criteria above, all earned credits will count toward a student's high school diploma provided that they reflect coursework equivalent to courses required by South Kingstown High School. In cases where earned credits 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:

Dual enrollment and concurrent enrollment course costs will vary by course and delivery method. Unless specifically provided for in the South Kingstown School Department budget, all costs associated with early college, part-time 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. The District will ensure the opportunity for participation of students receiving a free or reduced lunch by providing assistance (through the Guidance Office) in identifying potential funding sources. The District will not provide transportation to postsecondary institutions. The District will not pay for books or supplies for dual enrollment courses.

The District shall support the cost of students who enroll in the full-time dual enrollment program at the Community College of Rhode Island (CCRI) as a part of their high school experience. District support shall be based on the higher education institution's tuition and mandatory fee rates and will not exceed fifty percent (50%) of the core instructional per pupil amount of state and local education aid as determined by RIDE, not to exceed the cost of full-time enrollment at the institution. The District shall remit the tuition and fees to the Office of the Postsecondary Commissioner upon notice.

Communication:

Opportunities and guidelines, including potential benefits and consequences, for the participation of students in early college, dual and concurrent enrollment courses will be published in the Program of Studies. Students and parents interested in exploring this opportunity should contact their secondary school counselor.

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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

Career & Technical Education Programs



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Allied Health CTE



Certified Nurse Assistant (CNA) CTE Courses

- Biology or Honors Biology or Principles of Biomedical Science
- Human Anatomy & Disease or Honors Anatomy Physiology
- CNA
- Internship in Medical Field

Emergency Medical Technician (EMT) CTE Courses

- Biology or Honors Biology or Principles of Biomedical Science
- Human Anatomy & Disease or Honors Anatomy Physiology
- EMT
- Internship in Medical Field

Opportunities in Allied Health CTE

****Offering State of RI CNA & EMT certification course and field work for SKHS students; eligible for licensure exams upon completion of course and field work****

****CNA students will complete 20 hours of field work experience at South County Hospital****

****EMT students will complete 20 hours of field work experience at Charlestown Fire & Rescue****

****Both CTE's will require students to pass licensure exams to be certified (NNAAP exam for CNA students and NREMT exam for EMT students*****



Carpentry CTE



Carpentry CTE Courses

- Year 1- Carpentry 1 & 2
- Year 2- Carpentry 3 & 4
- Year 3- Carpentry 5 & 6
- Carpentry Internship
- *Optional Courses- House Design 1 & House Design 2*

Opportunities in the Carpentry CTE

****Course and field work offering NECTF Apprenticeship Program entry at Level 2 (Level 1 will be waived), as well as entry into Carpenters Union Workforce as a member once the application process is completed, which includes student attending a 1.5 hr. information session, favorable interview, passing of a drug test, a 1 week skills assessment, and a 1 weeks safety of apprenticeship training.****

****Students are required to earn OSHA 10 certification, as well as earn Level 1, 2, and 3 Residential NECTF certification****

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Computer Science CTE



Computer Science CTE Courses

- AP Computer Science Principles
- App Programing
- Professional Software Development
- Computer Science Internship

Opportunities in Computer Science CTE

****Coursework offering as many as 20 Computer Science credits at the University of RI; an internship will enable students in this CTE program to apply skills gained through course work in real world settings****

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Studio Art CTE



Craft & Fine Artist or Visual Arts Education CTE Courses

- Art 1 or Mixed Media
- Contemporary Painting
- Art 2
- 2D Design or Art 3 or Art History
- Art 4 or AP Studio Art (Drawing) or AP Art History
- Visual Arts Related Internship

Visual Arts- Designer CTE Courses

- Art 1
- Mixed Media or 2D Design
- Contemporary Painting or Art 2
- Art History
- Graphic Design
- Photography
- Art 3 and Digital Media Publishing or AP Studio Art
- Visual Arts Related Internship

Opportunities in Studio Art CTE

****Offering Coursework and internship toward becoming a craft & fine artist, visual arts designer, and/or visual arts educator, as well as EEP credit through Rhode Island College****

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Proficiency Based Graduation Requirements

South Kingstown High School schedules seniors into SK104 course to provide classroom-organized support for students as they complete the requirements for portfolio and graduation. Members of the Class of 2020 also have the option of completing a senior paper and senior project instead of the portfolio.

SK104-12 11094 (1/4 credit) Grade 12

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)

Senior Paper 11162 (½ credit) (fall semester) Grade 12

This course is a requirement for all SKHS students and is to be taken in the fall of their senior year. In preparation for the Senior Project Graduation Requirement, students will be supported in selecting and researching a topic that coincides with the focus for their Senior Project experience. Students will not only be guided and supported through the process of writing an extensive research paper, they will also be supported in writing resumes, cover letters, and college application essays. This course is both student-centered and reflective. Consequently, when the students leave this course, not only will they be college and career ready, but they will be better equipped to handle the demands and rigor of life.

Senior Project/Civic Action 11596 (1/2 credit) (spring semester) Grade 12

In order to graduate from SKHS, all students must complete a Senior Project during the spring semester of their senior year. After successful completion of the Senior Paper class, seniors will be enrolled in the Senior Project class which is designed so that they will produce tangible evidence combining the knowledge gained in the research process and the experience in the field with a mentor. Students will be working on this in and out of school for a large part of the senior year. Students are required to present their Senior Project, which provides an opportunity for students to showcase the knowledge gained through the Senior Project experience to a panel of judges comprised of teachers, staff, and community members. In addition to working on the Senior Project, students will be engaged in a civics curriculum designed to expose and develop students understanding of domestic and international issues faced by Americans, including basic civic rights and responsibilities. This course is both student-centered and reflective. Consequently, when the students leave this course, not only will they be college and career ready, but they will be better equipped to handle the demands and rigor of life.

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Personalized Learning Time Q1 119971, Q2 119972, Q3 119983, Q4 119984 (not for credit) Grade 9-12

PLT is a structured time for students to have the opportunity to pursue individual needs and interests to ensure that they get the most out of their experience at SKHS. Students may elect to take PLT in lieu of an 8th class (space permitting) for a semester or a full year. During PLT students may:

- Participate in free credit earning courses through the Advanced Coursework Network (ACN). You can use PLT to either participate in the class (if it is offered online) or study for the class if it is face-to-face.
- Participate in a free dual enrollment course through Prepare RI. You can use PLT to either take an online course or study for the courses you are enrolled in. Registration must happen by the deadline.
- Participate in a credit recovery course
- Explore post-high school plans
- Explore Khan Academy, which is a personalized learning program that can provide students with academic help in all subject areas, and also includes help for PSAT/SAT prep.
- Work with other students in your PLT to form a study group or seek out available teachers for academic help, at the discretion of the teacher
- Work on completing your Individual Learning Plan through Google Classroom.
- Work on completing your portfolio/Senior Project
- All ninth graders have PLT for spring semester and during Quarter 1.

Rebel Peers (not for credit) Fall 11097; Spring 11098 Grades 9-12

This semester class is designed to provide connections for students in need of peer support. Students who sign up will be matched with peers of varying abilities. Expectations include engagement in a wide variety of social activities, including but not limited to crafts, music, games, and movies. The focus of the class will be on reciprocal conversation, collaboration and perspective taking. Peer models will receive a brief training and continued support throughout the semester with guidance for activities as needed. Peer models are expected to use their creativity when contributing activity ideas.

Though this is not a credit bearing course, you may use the hours in the class towards both National Honors Society and community service hours towards graduation requirements. Peer models should be comfortable in taking a strong leadership role as you help develop to activities in this class. The intent of the program is to give all SKHS students the opportunity to connect and participate in a rewarding experience. This course is both student-centered and reflective. When the students leave this course, they will have improved their social skills and made lifelong peer connections.

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English Language Arts Department



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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

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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)

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 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)

SOUTH KINGSTOWN HIGH SCHOOL

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 may be eligible for credit in conjunction with the Rhode Island College Early Enrollment Program. In order to receive a RI College transcript for the HS course, students are required to follow all RI College enrollment procedures and complete the enrollment process by the college's registration dates. Student work will be assessed according to the college's grading policy.**

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)

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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.

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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)

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)

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. The Concurrent Enrollment Program at the University of Rhode Island is designed for motivated students who seek to get a head start on college credit and who are looking to be challenged academically while in high school. HS students are expected to have a 3.0 minimum high school GPA. In order to receive a URI transcript for the HS course, students are required to follow all URI enrollment procedures and complete the enrollment process by the university registration dates. Student work will be assessed according to the university's grading policy.**

(SLE: A1, A2)

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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)

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. In order to receive a RI College transcript for the HS course, students are required to follow all RI College enrollment procedures and complete the enrollment process by the college's registration dates. Student work will be assessed according to the college's grading policy.** (SLE: A1, A2, A4)

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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 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)

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)

ENGLISH LANGUAGE ARTS ELECTIVES (Not for English credit)

Senior Paper 12 11162 (½ Credit) (Fall Semester) Grade 12

This course is a requirement for all SKHS students and is to be taken in the fall of their senior year. In preparation for the Senior Project Graduation Requirement, students will be supported in selecting and researching a topic that coincides with the focus for their Senior Project experience. Students will not only be guided and supported through the process of writing an extensive research paper, they will also be supported in writing resumes, cover letters, and

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college application essays. This course is both student-centered and reflective. Consequently, when the students leave this course, not only will they be college and career ready, but they will be better equipped to handle the demands and rigor of life.

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 and online registration for the exam will be required during the first weeks of school in September.

(SLE: A1, A2, C5)

Journalism - *The Rebellion* Fall 11196/Spring 11197 (½ 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 production and publication of the school newspaper: advertising, sales, researching, writing, and editing forms of print journalism, functional and public documents, editorials, and essays. (SLE: A1, A2)

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.

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 video game design, web design, blogs, wikis, social networking technologies, presentation software, and construction of a digital portfolio.

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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)

Mathematics Department



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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).

Honors Geometry 11323 (1 credit) Grade 9

Prerequisite: Minimum grade of B+ in Accelerated Math 8 or an 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

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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)

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 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 an 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

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

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 an A in Pre-calculus along with a teacher recommendation.

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 and online registration 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 and online registration for the exam will be required during the first weeks of school in September.**

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MATH ELECTIVES

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 and online registration for the exam will be required during the first weeks of school in September.**

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 Computer Science Principles 11368 (1 math credit) Grades 10 - 12; Grade 9 only if the student has completed CS Discoveries 1 & 2

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 8 credits at the University of Rhode Island for successful completion of this course. **Students who enroll in this AP course are**

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required to complete the appropriate AP exam in May. Payment and online registration for the exam will be required during the first weeks of school in September. Students taking this course are eligible for credit in conjunction with the University of Rhode Island. The Concurrent Enrollment Program at the University of Rhode Island is designed for motivated students who seek to get a head start on college credit and who are looking to be challenged academically while in high school. HS students are expected to have a 3.0 minimum high school GPA. In order to receive a URI transcript for the HS course, students are required to follow all URI enrollment procedures and complete the enrollment process by the university registration dates. Student work will be assessed according to the university's grading policy.

CTE Course

APP and Web Programing 11365 (1 math credit) Grades 10 - 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 from the URI teaching staff, and readings from the (free) Android Developer Training document.

Project based and conceptual assessments are used throughout the course. **CTE Course** 

Professional Software Development 11369 (1 math credit) Grade 11-12 (Available starting 2020-2021)

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.

CTE Course

Math Lab 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.**

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Science Department



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SCIENCE DEPARTMENT

The science department at South Kingstown High School recognizes the common core of learning - communication, problem solving, body of knowledge, and responsibility. It is the goal of the department to cultivate scientific habits of mind, engagement in scientific inquiry, and reasoning in a scientific context. All students graduating from South Kingstown High School will address the scientific and engineering practices, crosscutting concepts, and disciplinary core ideas set forth in the Next Generation Science Standards (NGSS). Additionally, students will understand the use and application of technology and its significance in the scientific world. **All students must complete a minimum of three years of laboratory-based science as described below.**

Core course selections (in earth & physical science, biology, chemistry, and physics) are aligned with the NGSS. All students must be exposed to core science concepts in order to demonstrate proficiency with the NGSS Performance Expectations in earth and space sciences, life science, and physical science. **The science department offers three options to proficiency in science including accelerated, college and career preparatory (CCP), and biomedical science.** Course descriptions including the Pathway designation are part of an approved career and technical education program.

All incoming Freshmen will have a choice to take Earth, Space and Physical Science, or Biology, unless they meet the criteria for placement in the accelerated course sequence and/or have opted to enter the biomedical pathway. Selection criteria for entry into the accelerated course sequence 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 AP Physics 1 or Honors Physics (Grade 11). Students in the CCP option enter Earth, Space & Physical Science or Biology (Grade 9), Biology or Chemistry (Grade 10), and Chemistry or Science electives (Grade 11). **Students in the CCP option have flexibility to enter honors courses if appropriate.**

Students may elect to enter Career and Technical Education (CTE) pathways in the science department. Current offerings include Certified Nursing Assistant, Emergency Medical Technician. We have applied for RI Department of Education approval of Biomedical Science (Project Lead The Way, PLTW). CTE programs in science have specific course sequences as shown on the course flowchart. The Biomedical Science CTE pathway is not widely approved to meet college expectations for future STEM majors. **It is strongly recommended that students enrolled in the PLTW Biomedical Science pathway take these courses as electives, in addition to core science courses.**

Earth, Space and Physical Science 11401 (1 credit) Grade 9

The fundamental goal of the course is to provide a contemporary approach to quantitative and conceptual understanding of Earth and space systems and the physical science concepts that

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apply to our understanding. This course emphasizes the connection between science and real-world applications, providing an opportunity for analytical thinking and collaboration. The course covers motion, forces, energy conservation and transfer, momentum, and power. Content includes exposure to geology, solar system astronomy, and extra-solar astronomy. Through inquiry-based learning, students will demonstrate an understanding of the physical laws of nature and applied mathematics. Students are responsible for the timely completion of laboratory reports and projects. Tools and technology are used to develop laboratory skills. Understanding of basic mathematical concepts is recommended in order to apply higher order mathematical and problem solving techniques to scientific data. This course is considered a laboratory science. (SLE: A1, A2)

Biology 11421 (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 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)

CTE Course 

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)

CTE Course 

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 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

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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)

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

This course is a requirement for Allied Health CTE programs. The relationships between structure and function in the human body are studied in this project-based course. This is accomplished through experimentation, case studies, examination of organs and comparison of systems, including the nervous, skeletal, integumentary, digestive, cardiovascular, endocrine, vascular, respiratory and excretory systems, as well as the senses. Emphasis is placed on medical terminology, gross anatomy, and diseases of the human body. This course is considered to be a laboratory science. (SLE: A1, A2, A3)

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

CTE Course 

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 laboratory experience, dissections, case studies, and comparison of systems. Topics of study include biological chemistry, histology, and the nervous, skeletal, muscular, digestive, cardiovascular, endocrine, respiratory and excretory systems. Students'

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personal experiences related to disease, 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.

CTE Course 

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 and online registration 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 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

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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)

Plant Science: Discovering the Nature of Plants 11402 (½ credit) (fall semester) Grades 11-12

An introductory courses for those students interested in exploring humans' interaction with plants as we strive to maintain a sustainable environment. This semester includes fall harvest and garden maintenance. Academic topics include the relationships between plants and other organisms, how plants cope in their environments, and plant-human interactions. Growing could include fall greens and plant propagation techniques such as cuttings and layering. The course will employ the SKHS greenhouse and gardens. Students will gain hands-on gardening skills that will last a lifetime. They will develop an appreciation for the agricultural system that we all rely on to put food on our plates as well as the use of plants in the beautification of our surroundings. This course is considered a laboratory science, recommended for students considering careers in botany, agriculture, and landscaping (SLE: A1, A2)

Plant Science: Hands-on Horticulture 11403 (½ credit) (spring semester) Grades 11-12

Horticulture is the cultivation of plants for food, comfort, and beauty. An introductory courses for those students interested in exploring human's interaction with plants as we strive to maintain a sustainable environment. This semester includes spring seedling production in the greenhouse culminating in a community plant sale. Academic topics include soils, plant nutrition, and pest management. Garden tasks include transplanting from greenhouse to SKHS garden beds. The course will employ the SKHS greenhouse and gardens. Students will gain hands-on gardening skills that will last a lifetime. They will develop an appreciation for the agricultural system that we all rely on to put food on our plates as well as the use of plants in the beautification of our surroundings. This course is considered a laboratory science, recommended for students considering careers in botany, agriculture, and landscaping (SLE: A1, A2)

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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 and online registration 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.

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.

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 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

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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.

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

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course and this course is considered a laboratory science, as well. **Students taking this course may be eligible for credit in conjunction with the Rhode Island College Early Enrollment Program. In order to receive a RI College transcript for the HS course, students are required to follow all RI College enrollment procedures and complete the enrollment process by the university registration dates. Student work will be assessed according to the university's grading policy.**

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 and online registration 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**

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required to complete the appropriate AP exam in May. Payment and online registration 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 may be eligible for credit in conjunction with the Rhode Island College Early Enrollment Program. In order to receive a RI College transcript for the HS course, students are required to follow all RI College enrollment procedures and complete the enrollment process by the university registration dates. Student work will be assessed according to the university's grading policy.**

Students who enroll in this AP course are required to complete the appropriate AP exam in May. Payment and online registration 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

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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 who enroll in this AP course are required to complete the appropriate AP exam in May. Payment and online registration 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 Computing and Data Science 11465 (½ credit) (1 semester) Grades 9-12

This is a concurrent enrollment URI course (CS 101) 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 may be eligible to earn 4 credits at the University of Rhode Island for successful completion of this course. Successful completion of this course meets the graduation requirement for .5 credit in Science. **Students taking this course are eligible for credit in conjunction with the University of Rhode Island. The Concurrent Enrollment Program at the University of Rhode Island is designed for motivated students who seek to get a head start on college credit and who are looking to be challenged academically while in high school. HS students are expected to have a 3.0 minimum high school GPA. In order to receive a URI transcript for the HS course, students are required to follow all URI enrollment procedures and complete the enrollment process by the university registration dates. Student work will be assessed according to the university's grading policy.**

Prerequisite: None

Fundamentals of Cyber Security 11490 (1 credit) (full year) (Grades 10-12)

Prerequisite: AP Computer Science Principles or Introduction to Computer Science

This concurrent enrollment URI course (CSF 102) provides an 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 1 credit in Science **Students taking this course are eligible for credit in conjunction with the University of Rhode Island. The Concurrent Enrollment Program at the University of Rhode Island is**

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designed for motivated students who seek to get a head start on college credit and who are looking to be challenged academically while in high school. HS students are expected to have a 3.0 minimum high school GPA. In order to receive a URI transcript for the HS course, students are required to follow all URI enrollment procedures and complete the enrollment process by the university registration dates. Student work will be assessed according to the university's grading policy.

3D Motion Graphics & Animation 11491 (½ credit) (semester) (9-12)

Have you ever wanted to know how video game designers create their motion graphics, 3D characters, and scenery within their games? Then this course is for you! This course will walk you through every step of creating motion graphics and 3D digital animation. You will cover the fundamentals of navigating and modeling in Blender, along with texturing, rigging, animating, lighting, and rendering. This is a competency-based course where you will run through specially crafted challenges that are designed to build your skills throughout the semester. You will then take what you learned in each challenge to create unique creations designed by you. While technical, this project-based course is open to any student in grades 9-12.

Prerequisite: None

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

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:

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

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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. The cost of the CNA and/or EMT course is covered by the South Kingstown School District unless the student chooses to drop the course(s) after the SKHS Semester 1 deadline has passed. This deadline is 10 school days into the school year. Students dropping after this established date **are responsible for the full reimbursement of \$850 for EACH course** to SKHS.

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.

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.

CTE Course 

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

Science 11480 (1.5 credits)

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

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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. The cost of the ENT and/or CNA course is covered by the South Kingstown School District unless the student chooses to drop the course(s) after the SKHS Semester 1 deadline has passed. This deadline is 10 school days into the school year. Students dropping after this established date **are responsible for the full reimbursement of \$850 for EACH course** to SKHS.

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.

This course is considered a lab science.

CTE Course 

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PLTW - 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.**

PLTW - Human Body Systems 11476 (1 credit) Grade 10-12

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.**

PLTW - Medical Interventions 11477 (1 credit) Grade 11-12 (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.**

PLTW - 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.**

Social Studies Department



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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 and online registration 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 historical, geographical, social and political issues will be covered. Current events, focusing on

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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)

Criminal Justice 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)

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, 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 and online registration 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

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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 States 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.

Civics and Law 11560 (1 semester) (1/2 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)

American Military History 11571 (1 semester) (1/2 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)

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Anthropology 11547 (1 semester) (1/2 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) (1/2 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. **This course runs on odd numbered years – will be offered for 2019-2020 school year.** (SLE: A1, A2, C5, C6, S7)

Comparative Religions 11565 (1 semester) (1/2 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)

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 and online registration 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) (1/2 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) (1/2 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

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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. **This course runs on even numbered years – will be offered for 2020-2021 school year.** (SLE: A1, A2, C5, C6, S7)

The Holocaust and Human Behavior 11563 (1 semester) (1/2 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 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 and online registration 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) (1/2 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

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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 and online registration 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) (1/2 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)

Rhode Island History 11588 (1 semester) (1/2 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) (1/2 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) (1/2 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)

SENIOR PROJECT

Senior Project/Civic Action 11596 (1 semester) (1/2 credit) Grade 12

In order to graduate from SKHS, all students must complete a Senior Project during the spring semester of their senior year. After successful completion of the Senior Paper class, seniors will be enrolled in the Senior Project class which is designed so that they will produce tangible

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evidence combining the knowledge gained in the research process and the experience in the field with a mentor. Students will be working on this in and out of school for a large part of the senior year. Students are required to present their Senior Project, which provides an opportunity for students to showcase the knowledge gained through the Senior Project experience to a panel of judges comprised of teachers, staff, and community members. In addition to working on the Senior Project, students will be engaged in a civics curriculum designed to expose and develop students understanding of domestic and international issues faced by Americans, including basic civic rights and responsibilities. This course is both student-centered and reflective. Consequently, when the students leave this course, not only will they be college and career ready, but they will be better equipped to handle the demands and rigor of life.

VIDEOGRAPHY

(Not for Social Studies credit)

Intro to Videography 11591 (1 semester) (1/2 credit) Grades 9-10

This 9th & 10th Grade elective will introduce students to the history of cinema and video production. Historical films and techniques will be explained and practiced. Students will be introduced to software, cameras and accessories will be utilized to learn film production. This course is both student-centered and reflective. Consequently, when the students leave this course, they will have basic knowledge of video production, software, cameras and accessories that will help them in projects and videography classes in the future. (SLE: A3)

Videography 11590 (1 semester) (1/2 credit) Grades 10-12

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) (1/2 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

World Languages Department



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WORLD LANGUAGES DEPARTMENT

In accordance with "The Rebel Way" of South Kingstown High School, the World Languages Department holds that studying a world language enables students to communicate with those of other cultures and to better understand and appreciate the rich cultural diversity of the world. Such skills not only enable students to effectively participate in our diverse community but they also support a better understanding of their own culture, language, and selves.

Travel the World 11295 (½ credit) (1 semester) Grades 10-12

What would you want to know about other countries? Students enrolled in this course will answer that essential question and many others as they explore the world's many countries and cultures. This one semester course investigates countries & regions from many of the seven continents. Students learn about the geography, people, religions, socioeconomic diversity, languages, customs, cuisine and history of the areas. Guest speakers are invited to visit the class to discuss each country and share personal experiences about their travels. Students research and present PowerPoint presentations covering all continents. This exciting course will be offered each semester and is open to all students.

World Foods 11296 (½ credit) (1 semester) Grades 10-12

Do you like cooking...or at least eating....culturally diverse foods? Students enrolled in "World Food" will learn about the different dishes found in countries around the world and their connections to culture, geography, and (the availability of) local ingredients. They will also learn basic terms in various languages for foods, ingredients, and even polite terms to ask for food and to express gratitude. In addition, they will learn how proper dining etiquette differs among cultures. Students will conduct research, present findings, and even cook in this new, exciting course.

French 1 11212 (1 credit) Grades 9-12

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

French 2 11222 (1 credit) Grades 9-12

This course further develops the skills acquired in French 1. Building blocks allow students to better express personal information and describe familiar routines, recount past events, state future plans, and offer opinions. Francophone world exploration 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 the skills acquired in French 1. Building blocks 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

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honors section presuppose a higher level of proficiency than in the regular section. (SLE: A1, A2, C5)

French 3 11232 (1 credit) Grades 10-12

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 and 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 10-12

This course continues the development of competencies begun in Honors French 1 and 2. Practice and acquisition of more advanced grammatical 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 and fears); hypothetical situations are raised and discussed. Cultural awareness is expanded 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 French history, literature. As students practice, refine, and expand skills from previous study, students are encouraged to connect history and current events through personal experiences, selected texts, and media sources. The year culminates in a project requiring examination of a topic from government, politics, industry, important artistic and literary figures, or important issues in the French-speaking world. (SLE: A1, A2, C5)

Honors French 4 11243 (1 credit) Grades 11-12

This course continues to develop communicative competency through the study of French history, literature, and culture. As students practice, refine, and expand skills from previous study, students are encouraged to connect history and current events through personal experiences, selected texts, and media sources. Performance indicators in the honors section presuppose a higher level of proficiency than in the regular section. (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 study, students are encouraged connect history and current events using personal experiences, selected texts, and

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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 and online registration for the exam will be required during the first weeks of school in September.** (SLE: A1, A2, C5)

Italian 1 11201 (1 credit) Grades 9-12

This course begins the skills' development necessary to communicate in Italian; it also initiates cultural awareness, explores connections with other disciplines, compares Italian and U.S. cultures, and encourages the use of Italian beyond the classroom. (SLE: A1, A2, C5)

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 courses during their senior year. (SLE: A1, A2, C5)

Italian 2 11202 (1 credit) Grades 9-12

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

Honors Italian 2 11206 (1 credit) Grades 9-12

This course further develops skills acquired in Italian 1. Building blocks allow students to better express personal information and describe familiar routines, recount past events, state future plans, and offer opinions. Cultural awareness includes such topics as the metric system, art, 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 10-12

This course continues the development of competencies begun in Italian 1 and 2. It reinforces the skills necessary to discuss past events 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 write short essays. Exploring similarities and differences between Italy and the United States reinforces cultural awareness. (SLE: A1, A2, C5)

Honors Italian 3 11207 (1 credit) Grades 10-12

This course continues the development of competencies begun in Italian 1 and 2. It reinforces the skills necessary to discuss past events 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 write short essays. Exploring similarities and differences 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)

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Italian 4 11204 (1 credit) Grade 11-12

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 connect the Italian culture to their own. One of the students' goals 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)

Honors Italian 4 11208 (1 credit) Grade 11-12

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 connect the Italian culture to their own. One of the students' goals is to achieve a greater ease in speaking and reading Italian through the consideration and study of literature and current events. Discussion is coupled with grammar review and often culminates in writing. Performance indicators in the honors section presuppose a higher level of proficiency than in the regular section. Greater grammatical accuracy, ease of recall and overall fluency are expected and developed through more intense practice and reliance on the student's commitment to study outside of class. These higher expectations are expressed in rubrics and grading practices. **Students taking this course may be eligible for credit in conjunction with the Rhode Island College Early Enrollment Program. Students taking this course may be eligible for credit in conjunction with the Rhode Island College Early Enrollment Program. In order to receive a RI College transcript for the HS course, students are required to follow all RI College enrollment procedures and complete the enrollment process by the college registration dates. Student work will be assessed according to the college's grading policy.** (SLE: A1, A2, C5)

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 while considering 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 connect history and current events using personal experiences, selected texts, 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 and online registration 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. In order to receive a RI College transcript for the HS course, students are required to follow all RI College enrollment procedures and complete the enrollment process by the college registration dates. Student work will be assessed according to the college's grading policy.

(SLE: A1, A2, C5)

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Spanish 1 11252 (1 credit) Grades 9-12

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

Spanish 2 11262 (1 credit) Grades 9-12

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

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

This course further develops the skills acquired in Spanish 1. Building blocks allow students to better express personal information and describe familiar routines, recount past events, and state future plans. This class further explores Hispanic products and practices. 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 9-12

This course further develops skills acquired in Spanish 1. Building blocks allow students to better express personal information and describe familiar routines, and recount past events. Further exploration of the products and practices of the Hispanic world includes money, pastimes, educational systems, and ancient cultures. 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 to succeed in college, career, and life with teacher mentorship. Students do 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, critical thinking, and leadership skills. 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 9-12

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 the Hispanic world's cultural developments. (SLE: A1, A2, C5)

Honors Spanish 3 11271 (1 credit) Grades 9-12

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

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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 the Hispanic world's cultural developments. 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 (1 credit) Grade 9-12

This course further develops skills acquired in Project-Based Spanish 2. Building blocks allow students to better express personal information, describe familiar routines, recount past events, and discuss future plans. Students will learn to make recommendations, suggestions, and to give advice. Further exploration of the Hispanic world's products and practices includes money, pastimes, educational systems, and ancient cultures. The instructional 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 to succeed in college, career and life with teacher mentorship. Students do 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, critical thinking, and leadership skills. This class will also allow students opportunities to earn honors credit if they complete additional focus areas assigned by the teacher.

Spanish 4 11282 (1 credit) Grades 10-12

This course continues to develop communicative competencies while deepening insight into Hispanic culture. As they practice, refine, and expand skills from previous study, students are encouraged to connect their own culture to Hispanic culture. Audio-visual material assists in the improvement of 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)

Honors Spanish 4 11281 (1 credit) Grade 10-12

This course continues to develop communicative competencies while deepening insight into Hispanic culture. As they practice, refine, and expand skills from previous study, students are encouraged to connect their own culture to Hispanic culture. Audio-visual material assists in the improvement of 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). Performance indicators in the honors section presuppose a higher level of proficiency than in the regular section. **Students taking this course may be eligible for credit in conjunction with the Rhode Island College Early Enrollment Program. Students taking this course may be eligible for credit in conjunction with the Rhode Island College Early Enrollment Program. In order to receive a RI College transcript for the HS course, students are required to follow all RI College enrollment procedures and complete the enrollment process by the college registration dates. Student work will be assessed according to the college's grading policy.**

SLE: A1, A2, C5)

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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 as they consider the Spanish-speaking world's products, practices, and perspectives. As they practice, refine and expand skills from previous study, students are encouraged to connect history and current events using personal experiences, selected texts, 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 and online registration 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. In order to receive a RI College transcript for the HS course, students are required to follow all RI College enrollment procedures and complete the enrollment process by the college's registration dates. Student work will be assessed according to the college's grading policy.**

(SLE: A1, A2, C5)

Health & Physical Education Department



SOUTH KINGSTOWN HIGH SCHOOL

HEALTH AND PHYSICAL EDUCATION DEPARTMENT

HEALTH EDUCATION

Health 1 11905 (1/4 credit) Q3 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 (1/4 credit) Q1 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 (1/4 credit) Q2 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 (1/4 credit) Q4 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 credits)

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:

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;

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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 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.

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).

CTE Course 

SOUTH KINGSTOWN HIGH SCHOOL

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

Science 11480 (1.5 credits)

EMT Health/Physical Education 11482 (½ 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.

CTE Course 

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 **two (2) excused** absences from physical education classes each quarter.

Make up class

Students must make up all of the following:

- All absences exceeding the **two (2) 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 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 morning's 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

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.

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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

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

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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, pickleball, 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.

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

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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.

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 9/10 11007 Grade 9/10

ESSENTIAL QUESTION: Who will I be? What is a community?

This English course meets the unique needs of the students 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 multi-paragraph essay format with expanded introduction and expanded conclusion applying to literature and information text. 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 composition.

English 11/12 11009 (1 credit) Grade 11/12

ESSENTIAL QUESTION: What is culture? What have I become?

Students will read several contemporary and historical texts and study varying themes and techniques common to research and reflective writing. Students will write multiple responses to literature. 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.

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 earn a diploma or certificate.

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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.

Enrollment in the following courses is open to all students and is not determined by the Evaluation Team; please see grade level in the course description.

International Culture and Cuisine 11703 (½ credit) (1 semester) Grade 10-12

This semester class is designed to provide connections for students between food and international culture. Students will be encouraged to learn more about foods and celebrations from a variety of cultures around the world. Hands-on experiences focus on menu planning and preparation of foods as well as on the proper use and care of kitchen equipment, following recipes and using safe and sanitary work habits. Through direct instruction and peer models, students will not only learn about international cuisine, but other cultural components such as, but not limited, to music and crafts.

Students who sign up will be matched with peers of varying abilities. The focus of the class will be on independent life skills, social skills, fine motor skills and collaboration. Peer models will receive a brief training and continued support throughout the semester with guidance as needed. The intent of the program is to give all SKHS students the opportunity to connect and participate in a rewarding experience.

Rebel Peers (not for credit) Fall 11097; Spring 11098 Grades 9-12

This semester class is designed to provide connections for students in need of peer support. Students who sign up will be matched with peers of varying abilities. Expectations include engagement in a wide variety of social activities, including but not limited to crafts, music, games, and movies. The focus of the class will be on reciprocal conversation, collaboration and perspective taking. Peer models will receive a brief training and continued support throughout the semester with guidance for activities as needed. Peer models are expected to use their creativity when contributing activity ideas.

Though this is not a credited course, you may use the hours in the class toward volunteer hours. Peer models should be comfortable in taking a strong leadership role as you help develop to activities in this class. The intent of the program is to give all SKHS students the opportunity to connect and participate in a rewarding experience. This course is both student-centered and reflective. When the students leave this course, they will have improved their social skills and made lifelong peer connections.

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Applied Learning Department



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.

Business Leadership 11622 (½ credit) (1 semester) Grades 9-12

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. Strategies include teacher demonstrations, collaborative instruction, interdisciplinary and/or anchor projects, problem-solving and critical-thinking activities.

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 credit in conjunction with the University of Rhode Island. The Concurrent Enrollment Program at the University of Rhode Island is designed for motivated students who seek to get a head start on college credit and who are looking to be challenged academically while in high school. HS students are expected to have a 3.0 minimum high school GPA. In order to receive a URI transcript for the HS course, students are required to follow all URI enrollment procedures and complete the enrollment process by the university registration dates. Student work will be assessed according to the university’s grading policy.**

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

Grades 9-12

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. (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.** (SLE: A3)

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 for credit in conjunction with the University of Rhode Island. The Concurrent Enrollment Program at the University of Rhode Island is designed for motivated students who seek to get a head start on college credit and who are looking to be challenged academically while in high school. HS students are expected to have a 3.0 minimum high school GPA. In order to receive a URI transcript for the HS course, students are required to follow all URI enrollment procedures and complete the enrollment process by the university registration dates. Student work will be assessed according to the university's grading policy.**

Prerequisite- Accounting 1 -11602

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)

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

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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.

CTE Course

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 are eligible for credit in conjunction with the University of Rhode Island. The Concurrent Enrollment Program at the University of Rhode Island is designed for motivated students who seek to get a head start on college credit and who are looking to be challenged academically while in high school. HS students are expected to have a 3.0 minimum high school GPA. In order to receive a URI transcript for the HS course, students are required to follow all URI enrollment procedures and complete the enrollment process by the university registration dates. Student work will be assessed according to the university's grading policy.

(SLE: A1, A3, C6)

Law and Current Legal Issues 11640 (½ credit) (1 semester) Grades 9-12

The real life drama of the legal system enters the classroom in this Law course. Issues such as drug use, the death penalty, gun control, and illegal search and seizure are but a few of the “hot” topics explored and debated. Students will become familiar with the foundation of our present legal system and its impact on everyday living. The main topics studied are criminal law, the court system, juvenile law, and civil law. Students apply their understanding of the court system through a mock trial simulation as an end of the semester activity. (SLE: A1, A3, C5)

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.** (SLE: A3)

SOUTH KINGSTOWN HIGH SCHOOL

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 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)

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

SOUTH KINGSTOWN HIGH SCHOOL

FAMILY AND CONSUMER SCIENCE

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

This semester class is designed to provide connections for students between food and international culture. Students will be encouraged to learn more about foods and celebrations from a variety of cultures around the world. Hands-on experiences focus on menu planning and preparation of foods as well as on the proper use and care of kitchen equipment, following recipes and using safe and sanitary work habits. Through direct instruction and peer models, students will not only learn about international cuisine, but other cultural components such as, but not limited, to music and crafts.

Students who sign up will be matched with peers of varying abilities. The focus of the class will be on independent life skills, social skills, fine motor skills and collaboration. Peer models will receive a brief training and continued support throughout the semester with guidance as needed. The intent of the program is to give all SKHS students the opportunity to connect and participate in a rewarding experience.

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. (SLE: A1, A3)

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

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. **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

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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)

CTE Course 

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

CTE Course 

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

CTE Course 

Carpentry 4 11862 (1/2 Credit) (1 Semester) Grades 10 – 12

Building on the basic skills learned in Carpentry 1, 2 and 3, students begin hands-on learning of residential construction techniques. In Carpentry 4, students will learn about site preparation, excavation and foundation work; and will practice actual framing and sheathing of decks, walls and roofs. 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 3 11858

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CTE Course

Carpentry 5 11863 (1/2 Credit) (1 Semester) Grades 11 – 12

Building on the basic skills learned in previous Carpentry classes, students will continue hands-on learning of residential construction techniques. In Carpentry 5, students will learn about electrical and plumbing utilities, and also about window and door installation. 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 4

CTE Course

Carpentry 6 11864 (1/2 Credit) (1 Semester) Grades 11 – 12

Building on the skills learned in previous Carpentry classes, students will continue hands-on learning of residential construction techniques. In Carpentry 6, students will learn about insulation, interior wall and ceiling construction, flooring installation and finish carpentry. Additionally, students will attain their OSHA 10 Safety Certification. 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 5

CTE Course

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)

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

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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. 3-D prints of student designs are incorporated where applicable. 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. **This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics.** (SLE: A1, A3)

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. 3-D prints of student designs are incorporated where applicable. **This course meets the Mathematics Common Core State Standards (CCSS) to be considered a .5 credit in Mathematics.** (SLE: A1, A3)

Prerequisite: Engineering Graphics 1 11880

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. The Concurrent Enrollment Program at CCRI is designed for motivated students who seek to get a head start on college credit and who are looking to be challenged academically while in high school. HS students are expected to have a 3.0 minimum high school GPA. In order to receive a CCRI transcript for the HS course, students are required to follow all CCRI enrollment procedures and complete the enrollment process by the college's registration dates. Student work will be assessed according to the college's grading policy.**

(SLE: A1, A3)

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,

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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)

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

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

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

Prerequisite: Robotics 1 11800

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

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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

Fine Arts Department



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FINE ARTS

VISUAL ARTS

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

This entry level hands-on studio art course is an introduction to the basic Elements and Principles of 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 for the Class of 2020.

(SLE: A4)

CTE Course 

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

This entry level 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 for the Class of 2020. (SLE: A4)

CTE Course 

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

In this intermediate art 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 for the Class of 2020.

(SLE: A4).

CTE Course 

Art History Studio 11913 (½ credit) (1 semester) Grades 9-12

In this course students will explore a range of artists and artwork thematically throughout history and cultures, understanding how artists can approach a common topic with variety. From the themes studied in each unit students will create studio art projects, exploring a variety of artistic materials and techniques including collage, sculpture, and drawing. In addition to creating

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works of art, students will develop their skills in critiquing their artwork and the artwork of others in both oral and written form.

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

This course meets the requirement for .5 credit in Fine Arts for the Class of 2020.

(SLE: A4).

CTE Course 

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

This studio 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 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 for the Class of 2020. (SLE: A4).

CTE Course 

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

In this intermediate, 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 for the Class of 2020. (SLE: A4)

CTE Course 

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 for the Class of 2020.

(SLE: A4)

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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 for the Class of 2020.

(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 for the Class of 2020.

(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 for the Class of 2020. (SLE: A4)

CTE Course 

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. In order to receive a RI College transcript for the HS course, students are required to follow all RI College enrollment procedures and complete the enrollment process by the college's registration dates. Student work will be assessed according to the college's grading policy.

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Prerequisite: Successful completion of Art 3: Drawing 11916

This course meets the requirement for .5 credit in Fine Arts for the Class of 2020. (SLE: A4)

CTE Course 

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

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 and online registration 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. In order to receive a RI College transcript for the HS course, students are required to follow all RI College enrollment procedures and complete the enrollment process by the college's registration dates. Student work will be assessed according to the college's grading policy.

Prerequisite: An 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 for the Class of 2020. (SLE: A4).

CTE Course 

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

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 and online registration 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 for the Class of 2020. (SLE: A4)

CTE Course 

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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 .5 credit in Fine Arts for the Class of 2020. (SLE: A4)

CTE Course 

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 the .5 credit in Fine Arts for the Class of 2020. (SLE: A4)

CTE Course 

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

Students may use this course to earn the .5 credit in Fine Arts for the Class of 2020. (SLE: A4)

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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

Students may use this course to earn the .5 credit in Fine Arts for the Class of 2020.

(SLE A1, A2, A3)

CTE Course 

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)

Guitar 2 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 may 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.)

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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)

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. Band students perform both outside and indoors throughout the year 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 REQUIRED 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 director). Additional rehearsals may be scheduled throughout the year as required and most performances take place outside of the regular school hours.

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 MANDATORY FOR ALL FIRST-YEAR STRING PLAYERS IN ORCHESTRA AND IS STRONGLY RECOMMENDED FOR SECOND YEAR.**

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.

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

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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.**

Incoming 9th grade string musicians must enroll in 11964 String Ensemble concurrently. It is also strongly recommended that string musicians in grades 10-12 concurrently enroll in 11964.

Wind or percussion musicians must enroll in 11940 Concert Band.

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)

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 Program, and will be required to participate in the Pep and Marching Bands. (some students may be 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.

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 the .5 credit in Fine Arts for the Class of 2020. (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,

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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)

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.

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)

eSKape - Contemporary/Jazz Select Choir 11951 (1 year) (½ credit) Grades 10-12

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)

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.

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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 be eligible for credit in conjunction with the Rhode Island College Early Enrollment Program. In order to receive a RI College transcript for the HS course, students are required to follow all RI College enrollment procedures and complete the enrollment process by the college's registration dates. Student work will be assessed according to the college's grading policy.**

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.

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THEATER ARTS

Technical Theatre 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.

Drama/Musical Theatre 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)

Drama/Musical Theatre 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)

Drama/Musical Theatre 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)

Appendices



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APPENDIX A- 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

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- Relevant, timely and practical data systems, and the outputs of those systems, such as assessments and data analysis, drive continuous improvement

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;

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- 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 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.

APPENDIX B- 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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Technical Education (.5 credit each)

Carpentry 1 11857	Carpentry 2 11858	Carpentry 3 11861
Carpentry 4 11862	Carpentry 5 11863	Carpentry 6 11864
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

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