

Seekonk School Committee
Mr. David Abbott, Mr. John Bilodeau, Mr. Brian Freitas, Mr. David Mullen
Mr. Mitchell Vieira (Chairperson)

Mrs. Arlene Bosco, *Interim Superintendent*

Mrs. Marcia McGovern, *Principal*
Mr. Christopher Jones, *Assistant Principal*
Mrs. Christine Whatley, *Guidance Director*

Dear Students and Parents:

Please review the information in this 2013-2014 Program of Studies carefully as you plan a personal course of study for your next year at Seekonk High School. We offer a range of courses with a demanding curriculum.

It is important that course selections are made with extreme care each spring so that all students are registered for the proper courses and assured of a smooth start in the fall. Please consult teachers and guidance counselors for assistance in making these course selections. Their expertise is invaluable.

Remember that course changes in September are extremely difficult and at times impossible to make. During the two week window in September, course changes will be considered only if a student is misplaced.

Thank you for your continued cooperation and support.

Sincerely,

Marcia F. McGovern
Principal

Guidance Department:

Christine Whatley
Guidance Director
Lawrence Byrne
Counselor

Edward Cunard
Counselor
Melissa Mello
Counselor

Maureen Powers
Secretary

Table of Contents

School Procedures.....	3
Seekonk High School Mission Statement and Academic Expectations.....	4
Academic Expectations	5
MCAS testing, Policies and Procedures	6
Community Service Requirements.....	7

Course Offerings

Special Courses	11
English Department.....	13
Mathematics Department	20
Science Department	31
Social Studies and History Department	38
World Language Department	45
Art Department	49
Technology Department	52
Music Department	56
Personal Wellness Department	58

Title VI, VII, 504

In compliance with Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973, the Seekonk Public Schools shall exclude no person from participation in, shall deny no benefits of, and shall not discriminate against, relative to employment or educational opportunity, on the basis of gender, sexual orientation, disability, past or present history of mental disorders, race, color, creed, religion, national origin, ancestry, age or marital status.

Complaint Procedures:

In the event that an individual feels aggrieved, the following represent that person's appeal process:

1. The initial complaint should be filed with the building principal or designee. Copies of the initial complaint should also be filed with the appropriate complaint coordinator (listed below).
2. If the complaint is not satisfactorily resolved through step 1, the complaint may be filed with the designated complaint coordinator for review. The written complaint must fully set out the circumstances giving rise to the complaint and must be filed within (10) school days of the disposition at step 1.
3. If still not agreeably resolved, the complainant may file a written appeal to the Superintendent of Schools. The appeal must fully set out the circumstances giving rise to the complaint and must be filed within ten (10) school days of the disposition at step 2.
4. In the event that the complaint is not resolved through step 3, the parent, student or employee may file a request for a due process hearing before an impartial hearing officer. Such a request must be filed within ten (10) school days after the date of the Superintendent's decision at step 3.
- 5.

Complaint Coordinators:

Title VI and VII

Mrs. Barbara Hamel
School Finance Director
25 Water Lane
Seekonk, MA 02771
(508) 399-5106
Fax (508) 399-5128

Title IX

Mrs. Christine Whatley
Guidance Director, SHS
261 Arcade Ave.
Seekonk, MA 02771
(508) 336-7272
Fax (508)336-8535

Section 504 & Special Education

Mrs. Susan Doe
Special Education Director
25 Water Lane
Seekonk, MA 02771
(508) 399-5068; Fax (508) 399-5128

Homeless Coordinator

Dr. William Whalen
Hurley Middle School
650 Newman Ave
Seekonk, MA
(508)761-7570

Copies of all regulations may be obtained by contacting the building principal or the immediate supervisor. Other information can be obtained by contacting the Office of the Superintendent, 25 Water Lane, Seekonk, MA 02771; (508) 399-5106

Complaints and requests for additional assistance may be presented to the following:

Department of Education Advocate Program
Division of Special Education, 350 Main Street, Malden, MA 02148 (781-338-3000)

Office of Civil Rights, Region 1, RKO Building, Boston, MA 02114 (617)223-6397
Mass. Commission Against Discrimination, One Ashburton Place, D floor, Room 601,
Boston, MA 02108 (617)727-3990.

Seekonk High School **Mission Statement**

All students will achieve their maximum potential by becoming responsible, productive citizens and life-long learners.

Academic Expectations

The student will:

Communicate effectively using

Writing for a variety of purposes and audiences that

- Engages the audience
- Constructs a clear thesis
- Uses supporting evidence
- Uses appropriate language

Speaking for a variety of purposes and audiences that

- Engages the audience
- Develops and connects ideas
- Establishes focus
- Adapts tone and style

Reading effectively and critically to

- Summarize/paraphrase information
- Analyze information
- Draw inferences and make connections

Use a variety of **Problem Solving** strategies effectively to

- Identify and describe the problem
- Collect, interpret, organize and analyze data
- Draw conclusions/Find solutions

Use **Technology** effectively to

- Acquire information
- Organize information
- Communicate information

Civic Expectations

Seekonk High School Program of Studies 2013-2014

The student will:

- Demonstrate a strong sense of community by participating in a variety of school and community programs
- Demonstrate knowledge of their rights and responsibilities in a democratic society

Social Expectations

The student will:

- Demonstrate an understanding of diverse cultures and ideas by showing respect for self, peers, staff, and others
- Establish cooperative and healthy relationships with others by demonstrating honesty, integrity, and personal responsibility

Academic Expectations

At Seekonk High School students have multiple opportunities to achieve our academic expectations. Departments have assumed responsibility for teaching specific expectations as listed in the chart below. These academic expectations are incorporated into each department’s curriculum, instructional strategies, and assessment. The level of proficiency is reported each semester on the student report card.

	Write Effectively	Speak Effectively	Read Effectively	Use a variety of problem solving skills	Use Technology Effectively
English	X		X		
Math		X		X	
Social Studies	X		X		
Science				X	X
World Languages		X			X
Physical Education	X				
Health	X				
Family and Consumer Science				X	
Technology					X
Art				X	
Music			X		

REQUIREMENTS FOR A HIGH SCHOOL DIPLOMA

Credit Requirements for all students: Every student must earn a minimum of 125 credits. Students are expected to take a full schedule each semester. Each student will be scheduled for 35 credits each year, with the exception of AP lab participants.

Minimum Graduation Course Requirements:

Subject Area	Sections	Minimum Credits
English	4 full year	20
Mathematics	4 full year	20
Science	3 full year	15
Social Studies	3 full year	15
Foreign Language	2 years-consecutive	10
Physical Education	3 semesters	7.5
Health Education	1 semester	2.5
Computer/Technology	1 semester	2.5
Practical Arts (Wellness Department)	2 semesters	5
Fine Arts	2 semesters	5

Students on IEPs (Individual Education Plans) may have the above requirements modified based on the decision of the IEP Team and the principal.

MCAS Testing: A Graduation Requirement

The Massachusetts Comprehensive Assessment System tests (MCAS) are administered throughout the state of Massachusetts to some students in grade 9 and all students in grade 10 . This testing program is based exclusively on the rigorous academic learning standards contained in the Massachusetts Curriculum frameworks. These tests include multiple choice, short-answer, and open-response questions, as well as prompts for writing assignments in English Language Arts. These tests will be administered in the subject areas of English, mathematics, and science.

Students must pass the MCAS English Language Arts, mathematics, and a science subject tests in order to receive their high school diplomas. Students scoring in the 220-238 range on the ELA and mathematics tests must also fulfill an Educational Proficiency Plan prior to graduating.

Weighted Ranking of Courses

A weighted rank will be computed at the end of the school year for freshmen, sophomores, and juniors. Weighted rank for seniors will be calculated at the end of the first semester of the senior year. This rank will be used to determine the selection of valedictorian and salutatorian.

Rank in Class: A student’s rank in class is determined by a calculation which takes into account the courses a student takes over his/her high school career, the level of difficulty of these courses, and the grades attained.

Weights Used for Calculations:

Seekonk High School Program of Studies 2013-2014

Advanced Placement Courses	1.40
Honors and Advanced Level Courses	1.30
Academic Courses (not honors)	1.20
Full Year Elective Courses	1.00
Half Year Elective Courses	0.50

COMMUNITY SERVICE INFORMATION

All students are required to complete a total of 25 hours of community service in order to graduate. Transfer students will have their community service requirements adjusted based on their number of years of attendance. As part of its mission to develop responsible students Seekonk High School places a high value on community service. To fulfill this goal, Seekonk High School has made community service a requirement for graduation.

The following guidelines have been developed to help students understand the requirement. Acceptable community service activities are the following:

- Supporting environmental causes
- Helping sick or disabled community residents
- Helping those facing hunger or homelessness
- Helping the elderly in the community
- Helping students through tutoring

*These activities must be performed without compensation after the regular scheduled school day. Court ordered community service, work for pay, or work for academic credits do not qualify as accepted activities toward community service.

COMMUNITY SERVICE GUIDELINES

Students must complete the following forms before and after community service:

- Community Service Pre-approval form (to be turned into guidance counselor)
- Community Service Verification Form which lists a contact person, the hours served and a description of the community service rendered.

Guidance counselors will monitor community service hours, which will be listed on the student report card.

Credit must be earned according to the following guidelines:

- Community service credit can only be earned during the four high school years.
- Community service may be completed at any time during the four years of high school.
- Community service requirement for transfer students will be prorated.
- Community service will only be noted as completed. No grade will be given.

Policies

Graduation Status

The official list of graduates for the graduation program will be determined on the last day of exams for potential graduates. **All** commitments must be met by the end of that school day. Seniors who do not qualify for a diploma by this date may arrange to meet graduation requirements only after the class graduates. Participation in the graduation ceremony is dependent upon successful completion of the requirements by the last day of exams for seniors. If for any reason a student has met the requirements but is not accepting a diploma, that student may not participate in the graduation ceremony.

Minimum Academic Program Requirements

All students must be fully scheduled. Exceptions for students taking less than a full schedule are to be made only with the permission of the principal. In exceptional circumstances, a student may substitute a course at a local college or community college with the permission of the principal.

Override Policy

Each year teachers make recommendations for their students for the following year based on the students' performance in the class, homework habits, test scores and skill levels. Some high school courses also have prerequisite requirements in order to ensure maximum success for students in these courses. It is expected that parents will carefully consider a teacher recommendation or reason for a prerequisite when making a determination of the level of a class for placement, or type of class. If a parent wishes to override the teacher recommendation the parent must contact the guidance counselor or administrator to set up a meeting with school officials and the student. At the culmination of the meeting if the parent still wishes to override the recommendation of the teacher and administration, a form indicating this will be signed by the parent and kept on file.

Academic Success

Beyond prerequisite guidelines, students have open choices of courses available to them. The faculty, guidance department and administration cannot ensure academic success in the classes that the student, along with the approval of the parent, selected. It is expected that students will be committed to working toward academic excellence in all their classes. Students experiencing academic difficulty are encouraged to stay after school for help from their teachers or to investigate tutoring. Students should speak to their guidance counselors as soon as possible if they feel they have elected a course which needs to be changed.

Instructional Levels

All courses provide students the opportunity to achieve their maximum potential. Students are encouraged to select courses based upon realistic self-assessment that is consistent not only with their current academic goals and future plans but also with their motivation to succeed and put forth their best effort.

Four instructional levels are used at Seekonk High School. They are:

Advanced Placement: Advanced placement courses are designed for students who have demonstrated the ability and motivation to do college level work in high school. All students are required to take the AP exam at their own expense. Placement is based on pre-requisites and teacher recommendation. AP Courses offered are: AP English, AP Calculus AB, AP Biology, AP US History, and AP European History.

Honors: Honors level courses are designed for superior students who have consistently demonstrated the ability and motivation to achieve a high degree of success in a challenging academic program. This rigorous level is designed for highly disciplined students who can manage short and long term assignments and who meet all deadlines. Students are expected to work more independently on reading, writing, research and problem solving assignments.

College: College level courses are designed for the average to above students who have consistently demonstrated the ability and motivation to achieve success in a rigorous academic program. Students are expected to manage long and short term assignments independently.

Standard: Standard level courses are designed for the below average students who have demonstrated the desire and ability to achieve success in a sound academic program. With consistent motivation and effort, standard level students will receive a comprehensive and challenging high school education.

Summer Course Credit

Students taking summer courses to remediate a failure will receive credit for those courses but will not have the summer school grades included in class ranking. Original failing grades will remain in the transcript in addition to the summer school grade.

HONOR SOCIETIES

NATIONAL HONOR SOCIETY

The National Honor Society is an association formed to recognize students in the United States who have shown qualities of leadership, service, character, and scholarship. The Seekonk Chapter, in accordance with rules set by the National Association, elects members during their junior year. In order to be considered for membership, a student must have a cumulative average of 90 through the first half of his/her junior year. All students who have met this scholastic requirement will then have the opportunity to become members. Candidates for Honor Society selection are judged by teachers using a predetermined set of criteria. To remain in good standing, accepted members must continue to maintain their academic average and uphold the standards of the National Honor Society.

SOCIEDAD HONORARIA HISPANICA

The Sociedad Honoraria Hispanica is a national Spanish Honor Society which seeks to recognize excellence in the study of Spanish language and culture at the high school level. Students are selected after completion of the first semester of Spanish III with a minimum average of 90 in Spanish III and a minimum of 90 in each previous year of high school Spanish. Installation is held in the spring of each year.

SOCIETE HONORAIRE DE FRANCAIS

The Societe Honoraire de Francais is a national French Honor Society which seeks to recognize excellence in the study of French language and culture at the high school level. Students are selected for membership after completion of the first semester of French III with a minimum average of 90 in French III and a minimum of 90 in each previous year of high school French. Installation is held in the spring of each year.

SPECIAL PROGRAMS

RHODE ISLAND COLLEGE EARLY ENROLLMENT PROGRAM

Seekonk High School, in conjunction with Rhode Island College, has designed a program for students that will allow them to earn official college credit. The college credits that are earned will be recorded in the Rhode Island College records office and students will be issued an official transcript of courses and grades. These official course credits will be transferred, upon request, to any of the many colleges and universities that ordinarily accept R.I.C. transfer credits. Interested students may obtain information from the guidance department. There is a fee that students must pay to R.I.C. for each credit earned through this program. Courses offered for E.E.P. credit at Seekonk High School are AP Biology, AP Calculus, Advanced Physics, and Advanced Chemistry.

EARLY ADMISSION PROGRAM

The Early Admission Program offers qualified students the opportunity to spend their senior year at any approved college where they will pursue studies that give them college credits and also credits toward high school graduation. Students must apply in writing for admission to this program and obtain the permission of a high school administrator. In conjunction with their parents, the high school administrator, and their guidance counselors, students will develop plans of study. Students enrolled in the early admission program are responsible for providing their course schedule and reporting their college grades to the guidance department each semester. Students enrolled in the early admission program are not eligible to be selected as valedictorian or salutatorian.

SPECIAL COURSES

Student Performance-Based Project:**Course #901 2.5 credits**

Eligibility: This course is offered to students in grades 11 and 12 with good academic standing.

This one semester course is open to juniors and seniors (and under special circumstances, sophomores) that are self-motivated and have the capacity to work independently. The project proposal must be signed by the student, academic advisor, guidance counselor, and parent/guardian. It is then submitted to the Director of Guidance for approval prior to beginning the course. Proposals must be submitted to their guidance counselor within the first week of the semester. The project must include a formal proposal, an evidence portfolio, culminating product, a bibliography of materials used for research, a reflective journal, and a final presentation. A field experience component is highly encouraged.

The project must address the school-wide academic expectations. It must also reveal a mastery of high-level thinking skills and interrelationships among subject matter areas. The course may be repeated once for additional credit with either a new project or a substantial extension of the original project.

Assessment: Both the evidence portfolio and oral presentation will be assessed during the semester exams by the academic advisor. A presentation is typically scheduled for an interested audience. The work will be evaluated by established school-wide rubrics.

Learning Center:**Course # 924 5 Credit**

Eligibility: TEAM decision or recommendation only.

Learning Center is a course intended to enhance student learning through a variety of interventional methods and techniques. These interventions concentrate on goals that reflect a student's individual education plan. Intervention strategies may include, but are not limited to, small group instruction, one to one academic support, and content area re-teaching.

Along with to academic support, the Learning Center program offers instruction in functional, social, and life skills. Additionally, the Learning Center works in association with the transition coordinator to prepare students for life after high school.

Assessment: Student assessment will include, but is not limited to, accountability rubrics that measure organization, participation, responsibility, and productivity.

Project BEST**Course #945 5 credits**

Eligibility: Enrollment in this program is typically done by a team decision.

Content: The BEST Program is designed for students who have experienced both academic and social/emotional challenges. To address these concerns, there is a strong focus on routine, structure and consistency to improve motivation for school success. The main components of this program include: self-behavioral management, educational achievement, social skills development, and therapeutic support.

Assessments: Student assessments will include, but are not limited to, Group Participation, Social/Emotional Curriculum, Transition Curriculum and Independent Study Skills.

STARS 4

Course # 946 5 credits

The STARS IV program was developed to provide a more intensive level of academic support for students with significant identified learning disabilities. Academic supports are provided for students by the special education teacher, paraprofessional and general education teacher working as a team in inclusive general education classrooms and the STARS classroom. This model gives students full access with modifications to educational opportunities while allowing for the necessary supports needed for success. In addition the STARS program offers functional, social, and life skills teaching and works in coordination with the transition counselor to prepare students for life after high school. Entrance into the program requires a previous placement in STARS III and (or) the recommendation of the IEP team.

Student assessment will include but are not limited to responsibility rubrics; project based assessments, class participation, journal reflections.

AP Scholars Lab

Course # 978 Non-credit

Students enrolled in at least 1 Advanced Placement class and involved in extra-curricular school activities may participate. This is a one semester option during junior or senior year to provide time during the school day to help students successfully complete AP requirements. Acceptance will be based on student course load and extra-curricular involvement.

Please Note

Courses with insufficient enrollment may not be offered during the 2013-2014 school year.

English Department

The English program at Seekonk High School is a strong literature-based program with an emphasis on responding to literature through writing. Students develop the traditional language arts skills: reading, writing, listening, speaking, vocabulary development, grammar, and critical thinking. All students are encouraged to apply these skills in two areas: product-based learning and performance-based learning with oral presentation skills.

The Seekonk English Program addresses national and state standards by comprehensively focusing on the following core concepts: Lifelong learners engage in constructing and conveying meaning by accessing, analyzing, evaluating, and applying knowledge and experiences for a variety of purposes, audiences, and situations. Students also have an opportunity to think creatively and independently in order to meet both theoretical and practical problems that arise in our complex world.

Academic Expectations:

Write effectively

Read effectively

General Guidelines:

All students are required to take and pass a full year English course each year.

Regardless of the course level, differentiated instruction offers all students equal access to learning opportunities.

Semester courses do not satisfy the graduation requirement in English.

All students are expected to complete summer reading assignments and will be evaluated on these assignments in September. Any research projects/papers assigned must be completed.

All students are required to take and pass the English Language Arts MCAS test (Massachusetts Comprehensive Assessment System). Students take the MCAS ELA test in the spring of their sophomore year.

English Department Options:

	9th Grade	10th Grade	11th Grade	12th Grade
Honors	Honors English 9	Honors English 10	Honors English 11	AP Eng. 12 Honors Eng. 12
College	English 9 College	English 10 College	English 11 College	English 12 College
Standard	English 9 Standard	English 10 Standard		
Electives	Film and Fiction, Creative Writing, Journalism, Drama	Film and Fiction, Creative Writing, Journalism, Drama, SAT verbal	Film and Fiction, Creative Writing, Journalism, Drama, SAT verbal	Film and Fiction, Creative Writing, Journalism, Drama, SAT verbal

Honors English 9

Course # 005 Credits: 5

Eligibility: The course is open to grade 9 students who have the recommendation of their eighth grade English teacher or who apply through a formal written request and meeting with a representative from the Guidance Department.

Content: Students will communicate advanced knowledge of critical literary concepts and terminology in a variety of written and oral assessments. The course is a study of the four genres of literature: fiction, nonfiction, poetry, and drama; selections range from the classical (Homer and Shakespeare) to the contemporary (M.E. Kerr). Stressed in the course are depth and quality of written work, as well as critical thinking and problem-solving. Students will complete independent reading. Preparation and strategies for the MCAS test will also be included.

Assessment: Student assessment will include, but is not limited to, essays, tests, and quizzes, as well as group work (such as pair and share to discuss class reading), oral presentations (such as perform a scene from Romeo and Juliet), and two research projects (such as a travel brochure on Elizabethan England).

English 9 College**Course # 001 Credits: 5**

Eligibility: This course is open to all grade 9 students.

Content: Students will communicate knowledge of critical literary concepts and terminology in a variety of written and oral assessments. The course is a study of the four genres of literature: fiction, nonfiction, poetry, and drama; selections range from the classical (Homer and Shakespeare) to the contemporary (M.E. Kerr). Stressed in the course are well-developed mechanics of written work, as well as critical thinking and problem-solving. Students will complete independent reading. Preparation and strategies for the MCAS test will also be included.

Assessment: Student assessment will include, but is not limited to, essays, tests, and quizzes, as well as group projects (such as pair and share to discuss class reading), oral presentations (such as perform a scene from Romeo and Juliet), and two research projects (such as a travel brochure on Elizabethan England).

English 9 Standard**Course # 054 Credits: 5**

Eligibility: The course is open to all grade 9 students.

Content: Students will develop an understanding of critical literary concepts and develop the tools to express that knowledge in a variety of written and oral assessments. The course is a study of the four genres of literature: fiction, nonfiction, poetry, and drama; selections range from the classical (Homer and Shakespeare) to the contemporary (M.E. Kerr). Stressed in the course are reading, comprehension, and vocabulary skills. Preparation and strategies for the MCAS test will be an integral part of this course.

Assessment: Student assessment will include, but is not limited to, essays, tests, and quizzes, as well as group projects (such as pair and share to discuss class reading), oral

presentations (such as perform a scene from Romeo and Juliet), and two research projects (such as a travel brochure on Elizabethan England).

Honors English 10

Course # 006 Credits: 5

Eligibility: The course is open to grade 10 students who have the recommendation of their ninth grade English teacher or who apply through a formal written request and meeting with a representative from the Guidance Department.

Content: Students will communicate advanced knowledge of critical literary concepts and terminology in a variety of written and oral assessments. This course continues with a deeper analysis and exploration of the genres introduced in grade nine. Selections include classical writers (Sophocles and Shakespeare) as well as modern writers (Steinbeck and Golding). Stressed in the course are depth and quality of written work, as well as critical thinking and problem-solving. Students will complete independent reading. Preparation and strategies for the MCAS test will also be included.

Assessment: Student assessment will include, but is not limited to, essays, tests, and quizzes, as well as group projects such as (creating a CD insert on a summer reading book), oral presentations (such as perform a scene from Antigone and Macbeth), and two research projects (such as a one to three page paper emphasizing how to correctly cite, paraphrase, and generate original ideas).

English 10 College

Course # 011 Credits: 5

Eligibility: The course is open to all grade 10 students.

Content: Students will communicate knowledge of critical literary concepts and terminology in a variety of written and oral assessments. This course continues with a deeper analysis and exploration of the genres introduced in grade nine. Selections include classical writers (Sophocles and Shakespeare) as well as modern writers (Steinbeck and Golding). Stressed in the course are well developed mechanics of written work, as well as critical thinking and problem-solving. Students will complete independent reading. Preparation and strategies for the MCAS test will also be included.

Assessment: Student assessment will include, but is not limited to, essays, tests, and quizzes, as well as group projects (explain, interpret, and apply thematic concepts found in a particular short story), oral presentations (such as perform a scene from Antigone and Macbeth), and two research projects (such as a one to three page paper emphasizing how to correctly cite, paraphrase, and generate original ideas).

English 10 Standard

Course # 066 Credits: 5

Eligibility: The course is open to all grade 10 students.

Content: Students will develop an understanding of critical literary concepts and develop the tools to express that knowledge in a variety of written and oral assessments. This course continues with a deeper analysis and exploration of the genres introduced in grade

nine. Selections include classical writers (Sophocles and Shakespeare) as well as modern writers (Steinbeck and Golding). Stressed in the course are reading, comprehension, and vocabulary skills. In-depth preparation and strategies for the MCAS test will also be a major focus.

Assessment: Student assessment will include, but is not limited to, essays, tests, and quizzes, as well as group projects such as (jigsaw activity on Greek theater), oral presentations (such as perform a scene from Antigone and Macbeth), and two research projects (such as a one to three page paper emphasizing how to correctly cite, paraphrase, and generate original ideas).

Honors English 11

Course #007 Credits: 5

Eligibility: The course is open to grade 11 students who have the recommendation of their tenth grade English teacher or who apply through a formal written request and meeting with a representative from the Guidance Department.

Content: Students will communicate advanced knowledge of critical literary concepts and terminology in a variety of written and oral assessments. This course is a study of American Literature using both a thematic and chronological approach. Selections range in focus from Puritan times (The Crucible), to the post-civil war era (Adventures of Huckleberry Finn), to modern times (The Things They Carried). Stressed in the course are depth and quality of written work, as well as critical thinking and problem-solving. Students will complete independent reading. Preparation and strategies for the SAT test will also be included.

Assessment: Student assessment will include, but is not limited to, essays, tests, and quizzes, as well as group projects (jigsaw research activity on Native American, Puritan, Political, and Cavalier writers), oral presentations (such as perform a scene from The Crucible), and one major research paper (at least seven to eight pages incorporating both embedded and indented quotes along with a well-synthesized conclusion).

English 11 College

Course #003 Credits: 5

Eligibility: The course is open to all grade 11 students.

Content: Students will communicate knowledge of critical literary concepts and terminology in a variety of written and oral assessments. This course is a study of American Literature using both a thematic and chronological approach. Selections range in focus from Puritan times (The Crucible), to the post-civil war era (Adventures of Huckleberry Finn), to modern times (The Things They Carried). Stressed in the course are well-developed mechanics of written work, as well as critical thinking and problem-solving. Preparation and strategies for the SAT test will also be included.

Assessment: Student assessment will include, but is not limited to, essays, tests, and quizzes, as well as group projects (such as the creation of a movie trailer for The Adventures of Huckleberry Finn), oral presentations (such as perform a scene from The Crucible), and one major research paper (at least four to five pages incorporating both embedded and indented quotes along with a well-synthesized conclusion).

Advanced Placement English Literature & Composition

Course #009 Credits: 5

Eligibility: The course is open to grade 12 students who have the recommendation of their eleventh grade English teacher or who apply through a formal written request and meeting with a representative from the Guidance Department. Extensive summer reading and writing is required for enrollment.

Content: The AP thought process has everything to do with writing - writing clearly, coherently and persuasively. Students will master the flow of logical organization which is supported with textual evidence. This course is writing-intensive and seeks to develop a student's mastery of prose style and form. A research paper will be required the first semester.

The literature will be grouped thematically, offering an opportunity for students to make connections between the works. Students will examine a selection of contemporary and classical works of fiction and non-fiction in order to expose students to major themes, literary movements, expression of diverse cultural voices and a critical understanding of literature as an art form. The course will include writing by women, minority and non-Western authors and authors whose works have been canonized among the "Great." This course is not intended as a historical survey. Applicants for this class should expect to complete between 75-100 pages of reading a week, weekly writing assignments, and a weekly oral presentation. All students will be required to take the AP examination in May.

Honors English 12

Course #008 Credits: 5

Eligibility: The course is open to grade 12 students who have the recommendation of their eleventh grade English teacher or who apply through a formal written request and meeting with a representative from the Guidance Department.

Content: Honors English 12 is designed to challenge competent seniors, preparing them for college level study. The course is an in-depth study of significant themes in World literature. Reading and writing required in the course are extensive. The course is designed to improve the student's power of critical analysis as well as to develop his/her mastery of prose style and form. The literature studied is from around the world, and time periods range from the classical (Shakespeare's Hamlet) to the present (Cormier's After the First Death).

Assessment: Student assessment will include, but is not limited to, essays, tests, and quizzes, as well as group projects (such as researching the history of Buddhism), oral presentations (such as perform a scene from Hamlet), and one major research paper (fifteen pages on a world issue that shows mastery of all the major research skills: citations, embedded quotes, indented quotes, well synthesized thesis, introduction and conclusion, etc).

English 12 College

Course # 004 Credits: 5

Eligibility: The course is open to all grade 12 students.

Content: English 12 College is designed to prepare seniors for college level study, but also to emphasize career skills such as interviewing techniques and resume writing. The course is an in-depth study of significant themes in world literature. The course is designed to improve the student's power of critical analysis as well as to develop his/her individual writing style and voice. The literature studied is from around the world, and time periods range from the classical (Shakespeare's Hamlet) to the present (Cormier's After the First Death).

Assessment: Student assessment will include, but is not limited to, essays, tests, and quizzes, as well as group projects (such as researching global terrorism), oral presentations (such as perform a scene from Hamlet), and one major research paper (ten pages on a world issue that shows mastery of all the major research skills: citations, embedded quotes, indented quotes, well synthesized thesis, introduction and conclusion, etc).

Creative Writing

Course #033 Credits: 2.5

Eligibility: This course is open to all student writers.

Content: This semester course is open to all students who are interested in exploring writing as a creative art form. Less emphasis is placed on expository writing, and more emphasis is placed on discovering one's own style in various writing genres: poetry, fiction (short stories, plays, screenplays), creative non-fiction and "spoken word." (Advanced students may be considered independently for the novel option).

Assessment: All students complete an extensive portfolio requirement and two other major writing projects, such as a chapter book or a detailed study of a selected writer's works. In addition to portfolio and final exam requirements, student assessments will include written reflections regarding poems, peer writing, artistic statements, and continuous self-improvement commentaries.

Introduction to Journalism

Course # 071 Credits: 2.5

Eligibility: This semester course is open to all students.

Content: This course is designed as an introduction to the basics of journalism. News writing, feature writing, and sports reporting will be emphasized. Students will take an active role in researching (including interviewing), composing, editing, and publishing the quarterly editions of The Warrior Word. Photography and layout will also be addressed.

Assessment: Students, in addition to traditional assessments such as quizzes and tests, are assessed on their interviewing skills in "mock interviews," as well as on their news researching skills. Students are also required to submit original articles in the various journalistic genres (news, sports, features, and opinions) for publication in The Warrior

Word. Each student maintains a "Journalism Portfolio" which contains their story/feature proposals, drafts, revisions, peer/editor comments, and final articles.

Film and Fiction

Course # 040 Credits: 2.5

Eligibility: This course is open to all students.

Content: Students will explore the five principal areas of cinema: chronological, technical, literal, cultural, and biographical. The goals of the course are to make the student more sensitive to the art of movies, and to convey through speech and writing their observations of that art. Films will be chosen from the 1930's until the present time.

Assessment: Student assessment will include, but is not limited to, film critiques on two films of the student's choice seen outside of school, quizzes, reflective journal entries, individual and group presentations on films seen in class, open-ended responses based on films seen, and take-home essay tests on individual films.

Modern Drama: History and Practice

Course # 030 Credits: 2.5

Eligibility: This course is open to all students.

Content: Students in this class will explore the historical, social, and cultural aspects of theater, because history influences practice. The class will also look at various acting and improvisation techniques. Students will be expected to demonstrate knowledge of major modern playwrights, their works, and their writing styles. Although no experience is necessary, students will be required to act in scenes and improvisational skits in front of the class, and ultimately in front of an audience.

Assessment: Student assessment will include formal tests and quizzes, as well as journal writing and performance of scenes/monologues graded by rubrics. The final assessment of the semester will involve an exam as well as an evening performance for parents and friends. The performance is a requirement!

Verbal SAT Prep

Course # 036 Credits 2.5

Eligibility: This course is open to all students in grades 10-12

Content: Students will focus on the skills needed to perform well on the verbal portion of the SAT exam. The course will include activities designed to help students increase their vocabulary, improve their reading comprehension, and strengthen their writing skills. Each student will receive a pre-test as the class begins and a post test at the end of the semester. Preparation strategies will include the memorization of at least fifty words a week in addition to completion of actual practice exams. The goal of the course is to not only offer whole class activities but to also create individualized study plans targeting the personal needs of each student.

Assessment: Student assessment will include, but is not limited to, tests, quizzes, writing prompts, reading comprehension passages, and group projects (such as writing stories or scripts using vocabulary words). Self-correction will be an integral part of the course and will determine the improvement and effort portion of this course's grade.

Mathematics Department

Program Description

The mathematics program is comprehensive and designed to meet a variety of needs. It encourages the development of problem-solving skills, practical applications, logical thinking, intelligent decision-making, critical analysis, and an appreciation for the power and beauty of mathematics in daily life. This program reflects national and state standards by emphasizing four core concepts: problem solving, communication, reasoning and mathematical connections. Students come to understand that a sound knowledge of mathematics is a key that has the potential to open doors to a broad spectrum of careers

General Guidelines:

1. All students must take and pass four full year mathematics courses in order to graduate. Semester courses of Accounting and Statistics, taken in the same school year (Grade 12), will be considered a full year mathematics course.
2. Students may not double up on mathematics courses unless they have demonstrated achievement in the prerequisite course, have administrative approval and the recommendation of their instructor.
3. **It is strongly recommended that any student who fails their math course should attend summer school if they are eligible to attend.**
4. All students will be held responsible for applying concept exercises that include writing, synthesis, critical thinking, and problem solving.
5. Problem solving strategies and techniques are developed and implemented in all mathematics courses.
6. To be best prepared for the MCAS tests, students need to complete Geometry by the end of Grade 10.
7. MCAS, SAT test taking strategies and test preparation skills are emphasized in all mathematics courses.
8. Course prerequisites must be taken in order to advance to the next course in the sequence.
9. Honors and Advanced Placement courses proceed at an accelerated pace and require more preparation than other courses. These courses require greater levels of independent work, especially on review topics.
10. Every student is required to have their own calculator. See course descriptions for specific type.
11. Students are responsible for completing the required summer preparatory course work as indicated in each course description.

Mathematics Sequence of Courses for classes 2014-2016

GRADE	9	10	11	12
Honors	Honors Geometry and Honors Algebra 2	Pre- Calculus	Calculus	AP Calculus AB
Honors	Honors Geometry	Honors Algebra 2	Pre-Calculus	Calculus
College	Geometry	Algebra 2	Advanced Algebra	Senior Review or Pre-Calculus or Accounting/Statistics
Standard	Algebra 1 Part 2	Geometry or Geometry Basics	Algebra 2 Or Algebra 2 Part 1	Senior Review or Algebra 2 Part 2 or Accounting/Statistics

MCAS Math, SAT Math, Accounting, and Statistics are semester courses.

Math Sequence of Courses (Class of 2016 and beyond)

GRADE	9	10	11	12
Honors	Honors Algebra 1	Honors Geometry	Honors Algebra 2	AP Calculus
College	Algebra 1	Geometry	Algebra 2	Calculus Pre-Calculus or Accounting/Statistics
Standard	Foundations Algebra I	Geometry or Geometry Basics	Algebra 2 or Algebra 2 Part 1	Senior Review or Algebra 2 Part 2 or Accounting/Statistics

Foundations Algebra 1

Course #129 Credits: 5

Eligibility: This course is open to all Grade 9 students who have secured the recommendation of their 8th grade teacher. This course is intended to provide a basic foundation for all future courses. Students are responsible for completing the required summer preparatory coursework.

Content: The content of this course is organized around the families of functions with special emphasis on linear and quadratic functions. Students will learn to represent functions as verbal descriptions, equations, tables and graph. They will also learn to model real-world situations using functions in order to solve problems. Topics include

solving and graphing linear equations and inequalities, writing linear equations, solving systems of linear equations and inequalities, simplifying expression using properties of exponents and graphing exponential functions, solving and factoring polynomial functions and equations, solving and graphing quadratic functions and equations. Data analysis and probability will also be introduced.

Technology: Graphing is essential and students will learn to use a graphing calculator.

A TI83+ or TI84+ graphing utility will be used in this course.

Assessment: *Student assessment will include, but is not limited to, traditional quizzes and tests that will include objective and open-ended responses, homework assignments which are scored with the department's homework rubric, portfolio assignments, and quarterly word problems that are scored with the department's problem solving rubric, and in class assignments. Students will be required to take a midterm and final exam.*

Algebra 1

Course #101 Credits: 5

Eligibility: This course is open to all Grade 9 students who have secured the recommendation of their 8th grade teacher. Students are responsible for completing the required summer preparatory coursework.

Content: The content of this course is organized around the families of functions with special emphasis on linear and quadratic functions. Students will learn to represent functions as verbal descriptions, equations, tables and graphs. They will also learn to model real-world situations using functions in order to solve problems. Topics covered include, but are not limited to, solving and graphing linear equations and inequalities, writing linear equations, solving systems of linear equations and inequalities, simplifying expression using properties of exponents and graphing exponential functions, solving and factoring polynomial functions and equations, solving and graphing quadratic functions and equations. Data analysis and probability will also be introduced.

Technology: Graphing is essential and students will learn to use a graphing calculator.

A TI83+ or TI84+ graphing utility **is required**.

Assessment: *Student assessment will include, but is not limited to, standardized test questions in a variety of formats – multiple choice, short and extended response, homework assignments scored with the department's homework rubric, quarterly application problems scored with the department's problem solving rubric. Students are also responsible to take a midterm and final exam.*

Honors Algebra 1

Course #118 Credits: 5

Eligibility: This course is open to all Grade 9 students who have secured the recommendation of their 8th grade teacher. Highly motivated students anticipating

careers in science, medicine, engineering, or mathematics should enroll in this course. Students are responsible for completing the required summer preparatory coursework.

Content: The content of this course is organized in great depth around the families of functions with special emphasis on linear and quadratic functions. Students will learn to represent functions as verbal descriptions, equations, tables and graphs. They will also learn to model real-world situations using functions in order to solve problems. Topics covered include, but are not limited to, solving and graphing linear equations and inequalities, writing linear equations, solving systems of linear equations and inequalities, simplifying expression using properties of exponents and graphing exponential functions, solving and factoring polynomial functions and equations, solving and graphing quadratic functions and equations. Data analysis and probability will also be introduced.

Technology: Graphing is essential and students will learn to use a graphing calculator. A TI83+ or TI84+ graphing utility **is required**.

Assessment: Student assessment will include, but is not limited to, standardized test questions in a variety of formats – multiple choice, short and extended response, homework assignments scored with the department’s homework rubric, portfolios, quarterly application problems scored with the department’s problem solving rubric. Students are also responsible to take a midterm and final exam.

Honors Algebra 2

Course #104 Credits: 5

Eligibility: This course is open to freshmen who have completed Honors Algebra 1 in the 8th grade and have secured the recommendation of their 8th grade teacher or to students who have completed Honors Geometry. Students anticipating careers in science, medicine, engineering, or mathematics should enroll in this course. Honors Algebra 2 may be taken concurrently with Honors Geometry or Geometry. Students are responsible for completing the required summer preparatory course work.

Content: This course employs contemporary approaches that develop the real and complex number systems and their properties in great depth. It examines linear and quadratic functions and investigates methods of obtaining solutions to systems of equations. Topic covered, but not limited to, are equations, inequalities, matrices, exponents, polynomials, radicals, factoring and rational expressions. Problem solving skills are emphasized throughout the course. Graphing is essential and students will learn to use a graphing calculator.

Technology: A TI83+ or TI84 graphing calculator is highly recommended.

Assessment: Student assessment will include, but is not limited to, traditional quizzes and tests that will include objective and open-ended responses, homework assignments which are scored with the department’s homework rubric, portfolio assignments, and quarterly word problems that are scored with the department’s problem solving rubric, and in class assignments. Students will be required to take a midterm and final exam.

Algebra 2

Course # 105 Credits: 5

Eligibility: This course is open to students who have successfully completed Algebra 1 and Geometry during the course of the regular school year. Students are responsible for completing the required summer preparatory course work.

Content: This course employs contemporary approaches that develop the real and complex number systems and their properties. The course will illustrate the three global key aspects of Algebra 2 – equations, graphing, and applications. There is a focus on problem solving that introduces students to various problem solving strategies. Topics covered include, but not limited to, are linear equations and inequalities, relations and functions, systems of linear equations and inequalities, matrices, quadratic functions with an emphasis on factoring and the quadratic formula, polynomials and polynomial functions, exponents, roots, and radicals.

Technology: A scientific calculator is required, but a TI83+ or TI84 graphing calculator is preferred.

Assessment: *Student assessment will include, but is not limited to, homework assignments scored with the department's homework rubric, in class assignments, traditional quizzes and tests containing objective, multiple-choice, and open-response type questions, monthly word problems scored with the department's problem solving rubric, and individual and group problems presented to the class and scored using the school problem solving and oral presentation rubrics. The students are responsible for taking a midterm and final exam.*

Honors Geometry

Course #106 Credits: 5

Eligibility: This course is open to students who have successfully completed Honors Algebra I and secured the recommendation of their teacher. Students anticipating careers in science, medicine, engineering, or mathematics should enroll in this course. Students are responsible for completing the required summer preparatory course work.

Content: Through a rigorous course in Euclidean Geometry, the student is exposed to axiomatic geometry as a means of constructing a mathematical model of the real world. Topics covered include proofs, congruence, similarity, triangles, polygons, circles, solids, constructions, and right triangle trigonometric relations.

Technology: A scientific or graphing calculator is required for use by students in this course. Computer access will be necessary for various activities and projects.

Assessment: *Student assessment will include, but is not limited to traditional quizzes and tests which may include objective and open-ended responses, homework assignments that are scored with the department's homework rubric, portfolios, problems of the quarter that are scored with the department's problem solving rubric, class assignments, and class participation. Students will be required to complete related projects, which will include individual and group presentations, and take both a mid-year exam and final exam.*

Geometry

Course #107 Credits: 5

Eligibility: This course is open to students who have successfully completed Algebra 1 and have the recommendation of their teacher. It is recommended that students take geometry prior to the administration of the grade 10 MCAS mathematics test. Students are responsible for completing the required summer preparatory course work.

Content: This course explores Euclidean geometry through a balance of informal investigation and proof as a means of constructing a mathematical model of the real world. Topics covered include definitions, postulates and theorems of points, lines and planes, angles, triangles, polygons, circles, parallel lines, perpendicular lines, area and volume of geometric solids.

Technology: A scientific calculator is required for use by students in this course. Computer access will be necessary for various activities and projects.

Assessment: *Student assessment will include, but is not limited to traditional quizzes and tests which may include objective and open-ended responses, homework assignments that are scored with the department's homework rubric, portfolios, and quarterly word problems which are scored with the department's problem solving rubric, class assignments, and class participation. Students will be required to complete related projects, which may include individual and/or group presentations, and take both a mid-year exam and final exam.*

Geometry Basics

Course # 114 Credits: 5

Eligibility: This course is open to students who have successfully completed Foundations Algebra 1 with the recommendation of their teacher. It is recommended that students take geometry prior to the administration of the grade 10 MCAS mathematics test. Students are responsible for completing the required summer preparatory course work.

Content: This course provides an introduction to Euclidean geometry through informal investigation as a means of constructing a mathematical model of the real world. Topics covered, but not limited to, are definitions, postulates, and theorems of point, lines, planes, angles, triangles, polygons, circles, geometric solids, area and volume.

Technology: A scientific calculator is required for use by students in this course. Computer access will be necessary for various activities and projects.

Assessment: *Student assessment will include, but it not limited to traditional quizzes and tests which may include both objective and open-ended responses, homework assignments are that scored with the department's homework rubric, class assignments, quarterly word problems which are scored with the department's problem solving rubric, and class participation. Students will be required to complete related projects, which will include individual and group presentations, and take both a mid-year exam and final exam.*

Advanced Algebra

Course #109 Credits: 5

Eligibility: This course is open to students who have successfully completed Algebra 2 or Honors Algebra 2 students with the recommendation of their teacher. This course is not open to any student that has completed Pre-Calculus. Students are responsible for completing the required summer preparatory course work.

Content: As an extension of Algebra 2; this course will broaden and strengthen the student's background in preparation for the study of higher-level mathematics. This course emphasizes applications, problem solving, and critical thinking with the focus on use of various problem solving strategies. Topics covered include, but are not limited to, linear functions and inequalities in two variables, systems of equations and inequalities, polynomials and exponents, rational expressions, rational exponents and radicals, quadratic equations and inequalities, functions and relations, and exponential and logarithmic functions.

Technology: A scientific calculator is required, but a TI83+ or TI84 graphing calculator is preferred.

Assessment: *Student assessment will include, but is not limited to, homework assignments scored with the department's homework rubric, in class assignments, traditional quizzes and tests containing objective, multiple-choice, and open-response type questions, biweekly SAT problems, and individual and group problems presented to the class and scored with the school problem solving and oral presentation rubrics. The students are also responsible for the midterm and final exam.*

Algebra 2 Part 1

Course # 133 Credits: 5

Eligibility: This course is open to students who have successfully completed Algebra 1 Part 2, and Geometry Basics. Students are responsible for completing the required summer preparatory course work.

Content: This course is a continuation of the Algebra I concepts studied in Parts 1 and 2. Topics to be covered, but not limited to, are solving linear equations and inequalities, relations and functions, graphing techniques, exponents, polynomials, factoring, quadratic and radical equations, and the review of basic math skills. Problem solving skills will be emphasized throughout the course.

Technology: A scientific calculator is required.

Assessment: *Student assessment will include, but is not limited to, traditional quizzes and tests that will include objective and open-ended response type questions, homework assignments scored with the department's homework rubric, quarterly word problems that are scored with the department's problem solving rubric, and in class assignments. Students will be required to take the midterm and final exams.*

Algebra 2 Part 2

Course #134

Credits: 5

Eligibility: This course is open to grade 12 students who have successfully completed the sequence Algebra 1 Part2, Geometry Basics, and Algebra 2 Part 1. Students are responsible for completing the required summer preparatory coursework.

Content: This course is a continuation of the Algebra 2 concepts studied in Part 1. Topics covered, but not limited to, are solving and graphing linear equations and inequalities, relations and functions, exponents, polynomials, absolute value equations and inequalities, slope and equations of lines, matrices, ratio, proportion, data analysis and probability. Problem solving skills will be emphasized throughout the course.

Technology: A scientific calculator is required.

Assessment: Student assessment will include, but is not limited to, traditional quizzes and tests that will include objective, multiple choice, short and extended open-response type questions, homework assignments scored with the department's homework rubric, quarterly word problems that are scored with the department's problem solving rubric, and in class assignments. Student will be required to take the midterm and final exam.

Senior Review Mathematics

Course #110 Credits: 5

Eligibility: This course is open to Grade 12 students who have successfully completed the course sequence of Algebra 2, Geometry, and Advanced Algebra. It is not recommended for students who have successfully completed Pre-Calculus. Students are responsible for completing the required summer preparatory course work.

Content: This course is designed for those students who are college bound (four year program) and need to reinforce their pre-college math skills. Topics covered, but not limited to, include set theory, the real number system, graphs and functions, systems of linear equations and inequalities, systems of numeration, right triangle trigonometry, measures of central tendency, and probability.

Technology: A scientific calculator is required, but a TI83+ or TI84 graphing calculator is preferred. Computer access will be necessary for various projects.

Assessment: Student assessment will include, but is not limited to, homework assignments scored with the department's homework rubric, traditional tests and quizzes containing objective, multiple choice and open-response type questions, notebook grades, class work assignments, individual and/or group presentations. Students are responsible for taking a midterm and final exam.

Pre-Calculus

Course #111 Credits: 5

Eligibility: This course is open to all students who have successfully completed Honors Algebra 2 or Advanced Algebra and have received the recommendation of their teachers. Students electing this course must have also successfully completed a similar level course

in Geometry or be enrolled in it simultaneously. Students are responsible for completing the required summer preparatory coursework. Students anticipating careers in science, medicine, engineering, or mathematics should enroll in this course.

Content: As a foundation for the study of calculus, this course engages the student in a detailed study of the function concept. Topics covered, but are not limited to, the review of algebra and geometry concepts, graphing techniques of functions, solving a variety of equations, polynomial and rational inequalities, quadratic and power functions, rational and polynomial functions, real and complex zeros, exponential and logarithmic functions, one-to-one and inverse functions, right triangle trigonometry, and applications of trigonometric functions. This course demonstrates the value of technology, through the use of a graphing calculator, as a tool for learning that enhances the understanding of the concepts studied.

Technology: A TI83+ or TI84 graphing calculator is required for use by all students in this course.

Assessment: *Student assessment will include, but is not limited to, homework assignments scored with the department's homework rubric, in class assignments, traditional unit quizzes and tests containing objective, multiple choice, and open-ended response type questions, and portfolios. Students are also responsible for taking a midterm and final exam.*

Calculus

Course #112 Credits: 5

Eligibility: This course is open to students who have successfully completed Pre-Calculus and have the recommendation of their teacher. Students are responsible for completing the required summer preparatory coursework. This course is recommended for students who anticipate a career in science, medicine, engineering, or mathematics.

Content: This course begins with the continued study of Trigonometry. This will include radian measure, unit circle, inverse trigonometric functions, solving trigonometric equations and trigonometric applications. The course covers a review of fundamental concepts and then proceeds with a development of the limit concept and continuity. Differentiation of rational and trigonometric functions is examined in depth. Other topics included are related rates, extreme value problems, Rolle's Theorem and Mean Value Theorem. Numerical, algebraic, and graphical techniques are utilized throughout this course with the emphasis on problem solving.

Technology: A TI83+ or TI84 graphing calculator is required for use by all students in this course.

Assessment: *Student assessment will include, but not limited to, traditional quizzes and tests that will include objective and open-ended responses, in-class assignments, homework assignments which are scored with the department's homework rubric, and class participation. Students are responsible for taking a midyear and final exam.*

Advanced Placement Calculus AB

Course #113 Credits: 5

Eligibility: This course is open to students who have successfully completed Calculus, have received the recommendation of their teachers, and are anticipating careers in science, medicine, engineering, or mathematics. The students are responsible for completing the required summer preparatory coursework and taking the AP exam in the spring.

Content: As a continuation of Calculus, this course demands a high degree of independent study and mathematical maturity. This course provides students with the opportunity to work with functions— graphically, numerically, analytically, and verbally – and emphasizes the connections among these representations. This course teaches students how to communicate mathematics and explain solutions to problems both verbally and in written sentences. A graphing calculator will be used to help solve problems, experiment, interpret results, and support conclusions. Topics include, but are not limited to, limits and continuity, derivatives and integration, differentiation and integration of polynomial, rational, trigonometric, logarithmic, and exponential functions, applications of derivatives and integration, and differential equations.

Technology: A TI83+ or TI84 graphing calculator is required.

Assessment: *Student assessment will include, but is not limited to, homework assignments scored with the department’s homework rubric, in class assignments, traditional quizzes and tests containing objective, multiple-choice, and open-ended response type questions, weekly take-home problems consisting of former AP exam questions, and individual and group problems presented to the class and graded on the school problem solving and oral presentation rubrics. The students are also responsible for the mid-term and the AP exam in the spring.*

Accounting 1

Course #118 Credits: 2.5

Eligibility: This elective course is open to students in grades 11 and 12 who anticipate a career in business. If this course is successfully completed along with Statistics in the senior year, it will satisfy the requirement of a full year mathematics course.

Content: The course provides an introduction to the field of accounting. Topics studied include journals, posting to the general ledger, cash control systems, worksheets, trial balances, financial statements, income statements, adjusting and closing entries, and the balance sheet. Students will complete projects related to the real world of business and a business simulation project.

Technology: A scientific calculator is required and computer internet access will be necessary for various activities and projects.

Assessment: *Student assessment will include, but is not limited to, traditional quizzes and tests containing objective, multiple choice, and open-ended response type questions, homework assignments to be scored with the department’s homework rubric, class work and projects. Students are required to take a final exam and complete a business simulation project.*

Statistics

Course # 125 Credits 2.5

Eligibility: This course is open to students who have successfully completed Advanced Algebra. If this course is successfully completed along with Accounting I in the senior year, it will satisfy the requirement of a full year mathematics course.

Content: This course introduces the student to the use of mathematics to collect, analyze, and interpret data gathered on a wide range of issues and questions found in today's society. Topics covered, but not limited to, include random sampling, experimental design, and the organization of data through a variety of graphical representations, variations, probability, binomial and normal distributions.

Technology: A graphing calculator is required, but a TI83+ or TI84 is preferred.

Assessment: *Student assessment will include, but is not limited to, traditional quizzes and tests that will include objective and open-ended response type questions, homework assignments which are scored with the department's homework rubric and individual and group projects presented to the class and scored with the school's problem solving and oral presentation rubrics.*

Math Basics

Course # 132 Credits: 2.5

Eligibility: Students, who score in the warning level on the grade 8 MCAS math test or students who may need additional math support, may be required to take one semester of Math Basics in preparation for future math courses. Recommendation of their previous math teacher will be considered.

Content: This course is intended to provide additional assistance and reinforce concepts in preparation for the Common Core Math curriculum. Students will examine techniques and strategies related to Number Sense, Patterns, Relations and Functions; Geometry and Measurement; Statistics and Probability.

Technology: A scientific calculator is required for this course.

Assessment: *Student assessment will include, but is not limited to, homework assignments scored with the department's homework rubric, quizzes, tests, and in class practice tests. All tests will include multiple-choice questions and open-ended responses that will be corrected, scored, and graded. Students will be required to complete related projects, individual or group, and take a final exam.*

SAT Math Prep Class

Course # 130 Credits: 2.5

Eligibility: This course is open to students who have completed Algebra 1, Algebra 2, and Geometry and are in grades 10, 11 or 12.

Content: The questions on the SAT emphasize mathematical reasoning and evaluate how well students can think through math problems. The math section covers four categories of questions: 1) Number and Operations, 2) Algebra and Functions, 3) Geometry and Measurement, and 4) Data Analysis, Statistics, and Probability. Each section evaluates how well students use these concepts and skills to solve real-life math

problems. This course provides students with opportunities to familiarize themselves with the format of the test, practice on different question types, hundreds of practice questions, instructional help with the concepts covered, strategies to use for answering different types of questions, experience taking full-length practice tests, help with pacing and feedback that will help focus on areas that need improvement.

Technology: A scientific calculator is required, but a TI83+ or TI84 graphing calculator preferred.

Assessment: *Student assessment will include, but is not limited to, homework assignments scored with the department's homework rubric, quizzes, tests, and in class practice test. All tests will include multiple-choice questions and open-ended responses that will be corrected, scored, and graded. Students will be required to complete related projects, individual or group, and take a final exam.*

Science Department

The Seekonk High School Science Program fosters a clear understanding of basic scientific principles and promotes scientific inquiry and literacy. The department takes responsibility for the following school wide academic expectations: Use a variety of problem solving skills effectively, and use technology effectively. Science courses address national standards and benchmarks for science reform, as well as the Massachusetts State Frameworks for science instruction, implementation and assessment. Science standards focus on the following themes and processes:

- observation and inquiry
- investigation and hands-on science
- recognition of alternative explanations and models
- integration and application of content with real world applications
- application of math skills and appropriate technologies

Academic Expectations

- use a variety of problem solving skills
- use technology effectively

General Guidelines:

All students must take and pass three full years of science courses.

In order to advance to the next course in a sequence, the student must pass any prerequisite courses. Beginning with the class of 2010; students in Massachusetts are required to pass a MCAS science test in Biology, Chemistry or Introductory Physics to graduate.

SHS students will take the MCAS in Biology either in the 9th grade (Honors Biology) or 10th grade (Bio I & Bio II). Most courses include a laboratory component.

Recommended Sequence of Science Courses (May be altered to suit individual needs)

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Honors	Honors Biology	Honors Chemistry	Honors Physics and/or AP Biology	Honors Physics, AP Biology, Adv. Chemistry, Adv. Physics, or Adv. Biology
College/Standard	Biology 1	Biology 2	Chemistry, Physics or Conceptual Chem/Phys	Chemistry, Physics or Advanced Biology
Electives *Students may choose from any of the electives in addition to the above schedule if prerequisites are satisfied.		Anatomy & Physiology, Astronomy, Environmental Science, Marine Science	Anatomy & Physiology, Astronomy, Biotechnology, Environmental Science, Marine Science	Anatomy & Physiology, Astronomy, Biotechnology, Environmental Science, Marine Science

Biology 1

Course # 216 Credits: 5

Eligibility: This course is open to Grade 9 students.

Content: This is the first year of a two year introductory course in the study of Biology. Course content can be traced to the questions: “What is life?” and “What are the characteristics of life?” Course content is aligned with the Massachusetts Curriculum Framework for Biology and includes the chemistry of life, structure and function of the cell, how living organisms obtain and use energy, how living things grow & reproduce, the genetics of living things and the structure and functions of heredity material. Concepts will be supported by laboratory investigations, appropriate technological applications and activities. Scientific literacy and inquiry are an important component of this course.

Assessments may include, but not be limited to: preparatory & review homework assignments, quizzes, tests, laboratory reports, open response problems, and research projects. Students may produce and interpret Excel® graphs, document research with digital cameras and investigate topics using online databases and related tools.

Biology 2

Course # 217 Credits: 5

Eligibility: This course is open to students who have taken Biology 1.

Content: This is the second year of a two year introductory course in the study of Biology. Course content, aligned with the Massachusetts Curriculum Framework for *Seekonk High School Program of Studies 2013-2014*

Biology, will complement the Biology 1 course with completion of the study of introductory Biology. This course will also utilize laboratory investigations, appropriate technological applications and activities to develop concepts. The concepts of Anatomy and Physiology, Ecology, and Evolution will be explored. Content from Biology 1 will continually be related to the topics throughout the year.

Assessments may include, but not be limited to: preparatory & review homework assignments, quizzes, tests, laboratory reports, open response problems, and research projects. Students may produce and interpret Excel® graphs, document research with digital cameras and investigate topics using online databases and related tools. Students will take the MCAS Biology Test at the end of the year.

Honors Biology

Course # 203 Credits: 5

Eligibility: The course is open to grade 9 students who have demonstrated superior success and diligence in science and have been recommended by the 8th grade teacher.

Content: This is a one year introductory course in the study of Biology for committed and independent students. Course content can be traced to the questions: “What is life?” and “What are the characteristics of Life?”. Course content is aligned with the Massachusetts Curriculum Framework for Biology and includes the chemistry of life, structure and function of the cell, how living organisms obtain and use energy, how living things grow & reproduce, the genetics of living things, the structure and functions of heredity material, anatomy and physiology, ecology and evolution. Concepts will be supported by laboratory investigations, appropriate technological applications and activities.

Assessments may include, but not be limited to: preparatory & review homework assignments, quizzes, tests, laboratory reports, open response problems, and research projects. Students may produce and interpret Excel® graphs, document research with digital cameras and investigate topics using online databases and related tools. Students will take the MCAS Biology Test at the end of the year.

Conceptual Chemistry & Physics

Course # 204 Credits: 5

Eligibility: The course is open to students in grades 11 and 12 who are planning to attend a two-year technical school or community college. Students may not take this course if they have already passed a Chemistry or Physics course.

Content: The course will consist of a semester of chemistry and a semester of physics. The emphasis will be on understanding key concepts of chemistry and physics including properties of matter, chemical bonding and reactions, the Periodic Table, Laws of Motion, energy and forces, and gravity. The course approach will incorporate many short activities, experiments and discussions. Discovery Channel programs and computer explorations will also be utilized.

Assessments may include but are not limited to: homework, quizzes, tests, lab reports, and quarterly projects.

Chemistry

Course # 205 Credits: 5

Eligibility: The course is open to students who have successfully completed Algebra I and a course in Biology. Completion of Algebra II is helpful, but not required.

Content: This course will investigate the basic concepts of chemistry and is aligned with the Massachusetts Curriculum Frameworks for Chemistry. The structure and properties of matter, modern atomic theory, the Periodic Table, chemical bonding and reactions, thermo chemistry, kinetic theory, and equilibrium will be presented. The course will also explore scientific measurements and calculations.

Assessments may include, but are not limited to: homework, quizzes, tests, lab reports, and quarterly projects and presentations.

Honors Chemistry

Course # 206 Credits: 5

Eligibility: The course is open to students who have demonstrated superior achievement in Honors Biology, Algebra I, and Algebra II or Geometry.

Content: The content is similar to General Chemistry and is also aligned with the Massachusetts Curriculum Frameworks for Chemistry. Coursework is challenging and requires more independent work. This course provides the superior student with a comprehensive study of chemical elements, their properties and chemical processes. There is greater emphasis upon atomic theory, stoichiometry, and thermodynamics. The course also includes a strong emphasis on measurement and mathematics skills, observation, and data analysis.

Assessments may include, but are not limited to: homework, quizzes, tests, lab reports, and quarterly projects and presentations.

Physics

Course #208 Credits: 5

Eligibility: This course is open to students who have demonstrated proficiency in two science courses as well as Algebra I, Algebra II, and Geometry.

Content: This laboratory physics course is designed for students wishing to attend a college/university, technical school or enter the work force directly from high school who are interested in the workings of the physical world. Topics, aligned with the Massachusetts Curriculum Frameworks for Physics, include mechanics, thermodynamics, vibrations/wave phenomena, optics, and electromagnetism. Basic mathematical skills and techniques related to analyzing data within these topics are reinforced throughout the course.

Assessment will include but are not limited to: tests, quizzes, lab reports, homework, portfolio management, classroom participation, and special projects.

Honors Physics

Course # 209 Credits: 5

Eligibility: This course is open to students who have demonstrated proficiency in two science courses (Honors Biology and Honors Chemistry are recommended) as well as Algebra I, Algebra II, Geometry.

Content: This laboratory physics course is designed for students wishing to attend an accredited 2 year or 4 year college/university with the possibility of pursuing a career in the sciences. Topics, aligned with the Massachusetts Curriculum Frameworks for Physics, include mechanics, rotational motion, gravitational forces, thermodynamics, vibrations/wave phenomena, optics, electricity, electrical circuits, magnetism, electromagnetism, relativity, and quantum mechanics. Proficient mathematical skills, applications, and techniques relating to analyzing data with these topics are reinforced throughout the course.

Assessment will include but are not limited to: tests, quizzes, lab reports, homework, portfolio management, classroom participation, and special projects.

Advanced Placement Biology

Course # 210 Credits: 5

Eligibility: This course is open to grade 11 or grade 12 students with who have demonstrated superior achievement in two science courses (Honors Biology and Honors Chemistry are recommended).

Content: This is a fast-paced, high level course for highly motivated, independent students. Students are required to complete preparatory coursework and an extensive Ecology research project during the summer preceding the school year. Topics include, but are not limited to: biochemistry, cell biology, genetics, organisms, populations and ecology. Concepts will be supported by laboratory investigations, appropriate technological applications, and activities. Students will perform all of the 12 recommended AP Biology Laboratory exercises. This course is also offered for Rhode Island College EEP credit.

Assessments may include, but not be limited to: preparatory & review homework assignments, quizzes, tests, laboratory reports, open response problems, and research projects. Students may produce and interpret Excel® graphs, document research with digital cameras and investigate topics using online databases and related tools. Students present their summer research at Bridgewater State College and The Seekonk Land Trust Nature Day in the spring. Students will take the AP Biology Exam in May.

Advanced Biology

Course: #211 Credits: 5

Eligibility: The course is open to Grade 12 students who have successfully completed Biology and Chemistry.

Content: This course is designed for those students who have shown achievement in biology and chemistry. This course provides for in-depth study of unicellular and multicellular organisms, evolution, and plant and animal genetics. Current issues/hot

topics in biology will also be investigated. Concepts explored in the classroom will be supported by laboratory investigations, appropriate technological applications, and activities.

Assessments may include, but not be limited to: preparatory & review homework assignments, quizzes, tests, laboratory reports, open response problems, and research projects or presentations.

Advanced Chemistry

Course #207 Credits: 5

Eligibility: This honors course is open to students who have demonstrated superior achievement in Chemistry or Honors Chemistry.

Content: This course will be a laboratory oriented approach to exploring advanced topics and principles of chemistry. This course includes a more extensive study into the theoretical aspects of chemistry than encountered in first year Chemistry. The quantitative nature of the topics and the hands-on experience in the laboratory are used to further the development of the students' analytical and critical thinking skills. Course content focuses on the structure of matter, kinetic theory, chemical equilibrium, thermodynamics, and organic chemistry. Students selecting Advanced Chemistry must complete a Worksheet/Problem Solving Packet during summer vacation. The packet will cover basic concepts presented in Chemistry I and will be used to assess student knowledge and understanding of these concepts. The review packet and Advanced Chemistry textbook should be signed out the day before summer vacation and returned the first day of class. This course is also offered for Rhode Island College EEP credit.

Assessments may include but are not limited to homework, quizzes, tests, lab reports and quarterly research projects and presentations.

Advanced Physics

Course #212 Credits 5

Eligibility: This honors course is open to students who have demonstrated proficiency in Physics, Algebra I, Algebra II, Geometry, and Honors Chemistry. Pre-Calculus should either be completed or taken concurrently.

Content: This laboratory college level physics course is designed to prepare highly qualified motivated students to attend a 4 year college/university with the intent to pursue a possible career in science. Topics include mechanics, dynamics, statics, energy, rotation, elasticity, wave motion, fluids, thermodynamics, expansion, heat, electricity, magnetism, electromagnetism, electric circuits, optics, relativity, modern physics, nuclear physics, and quantum physics. High order/logical mathematical reasoning and problem solving skills are emphasized throughout the course. This course is also offered for Rhode Island College EEP credit.

Students will be assessed academic proficiency by tests, quizzes, lab reports, homework, portfolio management, classroom participation, and special projects.

Biotechnology

Course # 233 Credits: 2.5

Eligibility: This course is open to students in grades 11 or 12 who have completed courses in biology and chemistry.

Content: This is a one semester, laboratory-based course for students interested in medical, laboratory or criminal investigation careers. Students will perform experiments and study the concepts behind procedures such as blood counts, blood typing, DNA fingerprinting, protein purification and genetic engineering. Students go through a clinical rotation diagnosing patients, a FDA rotation looking at food applications, a research & development rotation in which they form start-up Biotech companies and a forensics rotation in which they solve a “crime scene” at the end of the semester.

Assessments may include, but not be limited to: quizzes, practical exams, laboratory reports, open response problems, and research projects. Students may produce and interpret Excell® graphs, document research with digital cameras and investigate topics using online databases and related tools. Students will also demonstrate proficiency by solving an artificial “crime scene”.

Marine Science

Course #230 Credits: 2.5

Eligibility: The course is open to students in grades 10-12 who have successfully completed a course in Biology.

Content: This one semester course will provide students with the opportunity to explore the physical, geological and biological properties of the ocean and its estuaries. Students will also study the plant and animal life that inhabits these environments and discuss how the ecology of the ocean is maintained in a delicate balance which is significantly affected by human impact.

Assessments may include, but not be limited to preparatory & review homework assignments, quizzes, tests, laboratory reports, open response problems, and research projects. Students will also be assessed on the synthesis and interpretation of Excel® graphs of data, along with proficiency in other technological applications.

Environmental Science

Course #231 Credits: 2.5

Eligibility: The course is open to students in grades 10-12 who have successfully completed a course in Biology.

Content: This one semester course provides the student with an opportunity to investigate the environment and to determine man's impact upon it. Local aspects of ecology will be stressed and compared to the global community to give the student some personal experience and a new perspective. Outdoor field studies of various ecosystems will be coupled with classroom discussions of how best to manage our remaining natural areas.

Assessments may include, but not be limited to preparatory & review homework assignments, quizzes, tests, laboratory reports, open response problems, research projects, Excel® spreadsheets and Powerpoint® presentations.

Anatomy and Physiology

Course # 232 Credits: 2.5

Eligibility: This course is open to grade 11 and 12 students who have completed a course in Biology.

Content: This is a one semester course for students interested in medical or laboratory related careers. Students will explore the structure and function of the major systems of the human body including the skeletal, muscular, digestive, nervous, cardiovascular, respiratory and endocrine systems. Laboratory investigations and **dissection of the fetal pig** will support the system topics. Alternate online virtual dissection activities are also available.

Assessments may include, but not be limited to: quizzes, practical exams, laboratory reports, case study problems, and research projects. Students may produce and interpret Excel® graphs, and investigate topics using online databases and related tools.

Astronomy

Course #228 Credits: 2.5

Eligibility: This elective is open to all students in grades 10-12. Previous or concurrent course work in physics is helpful.

Content: This one semester course will provide students the opportunity explore the stars and space. Topics will include the Earth as an astronomical body, the sun, motions and characteristics of objects within our solar system, the constellations, the compositions of stars and nebulae, the history behind the N.A.S.A space program, the history behind the invention of the telescope and the contributions of key people in early astronomy, such as Kepler, Copernicus and Galileo

Assessments may include, but not be limited to quizzes, practical exams, case study problems, research projects and Powerpoint® presentations.

Social Studies and History Department

The purpose of the History Department is to help students gain an understanding of the history of the United States and the world, to appreciate the cultural diversity of our country and to develop knowledge of the foundations and workings of government. Reading, writing, critical thinking and speaking are integral parts of the social studies curriculum.

General Guidelines:

- All students must take and pass the following three required courses for graduation: United States History I, United States History II and World History.
- All students are encouraged to select a fourth year course from the various electives available in the curriculum.

- Students in honors level courses are expected to read and write extensively on the subject.

Academic Expectations:

- Read and Write effectively

	9 th grade	10 th grade	11 th grade	12 th grade
Honors	Honors US History I	Honors US History II	Honors World History or AP US History	AP US History AP European History
College / Standard	US History I	US History II	World History	
Electives	Government, Contemporary Issues. History of Rock	Contemporary Issues, 1960's & 1970's, Government, Law, Global Studies History of Rock	Contemporary Issues, 1960's & 1970's, Government, Law, Global Studies, Sociology, Social Justice, History of Rock AP US History	Contemporary Issues, 1960s & 1970s, Government, Law, Global Studies, Psychology Sociology, History of Rock AP US History AP Euro. History

United States History I

Course #306 Credits: 5

Eligibility: This course is intended for grade 9 students

Content: The course will focus on an in-depth study of the major historical events that have affected the social, economic, and political growth of the United States from the Revolutionary and Constitutional Period to the Civil War.

Assessments: Student assessments will include, but are not limited to, quizzes, class participation, writing pieces, vocabulary definitions, questions addressing reading comprehension, the keeping of a detailed notebook, and exams that will include identification, multiple choice, document based, and essay questions. An example of a specific assessment would be the reading of an article about a post-hurricane Katrina New Orleans and writing a rough draft and typed final copy of a response to the article that incorporates the vocabulary of John Locke.

Honors United States History I

Course #303 Credits: 5

Eligibility: This course is recommended for grade 9 students who consistently demonstrated the motivation and ability to achieve a high degree of success. It is

designed for superior students who are committed to a rigorous academic program and can work and study independently.

Content: The course will focus on an in-depth study of the major historical events that have affected the social, economic, and political growth of the United States from the Revolutionary and Constitutional Eras to the Civil War.

Assessment: Student assessments will include, but are not limited to, traditional quizzes and tests, essays (such as an analysis of George Washington's leadership skills), debates, reading comprehension quizzes, structural and political mini-projects, major projects on thematic units, and PowerPoint presentations.

United States History II

Course #307 Credits: 5

Eligibility: This course is a core course intended for grade 10 students.

Content: The course continues the study of American history from the Reconstruction era to contemporary times.

Assessment: Student assessments will include, but are not limited to, traditional quizzes and tests, class participation and discussion, writing pieces, reading comprehension assignments, the keeping of a detailed notebook, homework, and mini-project and major projects, such as a 1920s based magazine filled with student written researched articles and advertisements from the time period.

Honors United States History II

Course #304 Credits: 5

Eligibility: This course is recommended for grade 10 students who consistently demonstrated the motivation and ability to achieve a high degree of success. It is designed for superior students who are committed to a rigorous academic program and can work and study independently.

Content: The course continues the study of American history from the Reconstruction era to contemporary times.

Assessment: Student assessments will include, but are not limited to, quizzes, class participation, writing pieces, vocabulary definitions, questions addressing reading comprehension, the keeping of a detailed notebook, and exams that will include identification, multiple choice, document based, and essay questions. An example of a specific assessment would be the writing of an essay that addresses what predictions you can make about Reconstruction and how you would reunite the country if you were the president at the time.

World History

Course # 360 Credits: 5

Eligibility: This course is intended for grade 11 students.

Content: The course examines the major forces, which have shaped world civilizations, and focuses on the major developments in both western and non-western civilizations. The interrelationships, richness and diversity of world cultures are stressed.

Assessment: Student assessments will include, but are not limited to, quizzes, written tests, essay and open-ended questions, journal writing, binder checks, Internet research, long and short term projects, individual and group presentations, performance-based assessments and research projects such as a paper identifying and evaluating the causes of major wars throughout history.

Honors World History

Course # 361 Credits: 5

Eligibility: This course is recommended for grade 11 students who have consistently demonstrated the motivation and ability to achieve a high degree of success. It is designed for superior students who are committed to a rigorous academic program and can work and study independently.

Content: The course examines the major forces which have shaped world civilizations and focuses on the major developments in both western and non-western civilizations. The interrelationships, richness and diversity of world cultures are stressed.

Assessment: Student assessments will include, but are not limited to, quizzes, written tests, essay and open-ended questions, journal writing, binder checks, Internet research, long and short term projects, individual and group presentations, performance-based assessments and research projects such as a paper evaluating and analyzing the causes of major wars throughout history.

Advanced Placement US History

Course # 305 Credits: 5

Eligibility: This course is open to juniors and seniors who have demonstrated a mature interest in history and who have a willingness to complete in-depth and extended assignments. Students can earn college credit by achieving a satisfactory score on the College Board AP UU History exam. For a fee, students who take this course are eligible for college credit through Rhode Island College's early enrollment program. This class is not a substitute for United States History II or Honors United States History II.

Content: The course will cover American history from America's colonization through the present. Students are expected to complete the reading of primary source materials and to do research and writing linked to class topics. It is required that students in this course take the Advanced Placement US History test in the spring, at their own expense. A field trip to a workshop in preparation for the exam to the JFK Library in Boston is part of the course.

Assessment: Student assessments will include, but are not limited to, traditional tests and quizzes, free-response essays, document-based essays, Socratic seminars, as well as

related projects such as a time line that is an in-depth analysis of the events leading to the American Revolution.

Advanced Placement European History

Course # 349 Credits: 5

Eligibility: This course is open to seniors who have demonstrated a mature interest in history and who have a willingness to complete in-depth and extended assignments. This class may be used as a substitute for World History or Honors World History, with teacher and department chairperson approval.

Content: The course is designed for students who wish to complete the equivalent of a college level introductory course in European history. Content will focus on events from 1450 to the present. Students should expect a high degree of reading and writing assignments and research. It is required that students take the AP European History test in the spring, at their own expense. A field trip to the Isabella Gardner Art museum is part of the course in preparation for the exam.

Assessment: Student assessments will include, but are not limited to, traditional tests and quizzes, free-response essays, document-based essays, Socratic seminars, as well as related projects such as an in-depth Enlightenment project analyzing the great theories of the period, followed by a Salon simulation to discuss the theories and ideas from the time period.

Introduction to Psychology

Course # 315 Credits: 2.5

Eligibility: The course is open to students in grade 12.

Content: Psychology is the scientific study of human behavior. Some of the major topics which are investigated include an intensive study of the brain and its functions, the senses, learning and motivation, memory, theories of personality, abnormal behavior and the deviant mind, and social Psychology.

Assessment: Student assessments will include, but are not limited to, traditional quizzes and tests, essays, debates, reading comprehension quizzes, major projects on thematic units including case studies of the brain and its functions, and PowerPoint presentations.

Introduction to Sociology

Course # 312 Credits: 2.5

Eligibility: This course is open to all students in grades 11 and 12.

Content: Sociology is the scientific study of human society and social interactions; its main focus is the group and not the individual. Examples of the groups studied are: the family, community, cults, peer groups and sub-cultural groups. Examples of issues discussed are culture differences, social stratification, social inequality, violence in American society and deviant behavior.

Assessment: Student assessments will include, but are not limited to, quizzes, written tests, essay and open-ended questions, journal writing, binder checks, Internet research,

long and short term projects, individual and group presentations, research projects and performance-based assessments.

Social Justice

Course # 316 Credits 2.5

Eligibility: This course is open to all students in grades 11 and 12.

Content: Social Justice focuses on the problems and issues faced by different groups in our society; its main focus is the relation between ideas of social justice, equality of opportunity and responsibility, with a wide variety of actual cases and movements, mainly in the United States. Examples of the units studied are: gender inequality, social class stratification, racial inequality and discrimination based on sexual orientation.

Assessment: Student assessments will include, but are not limited to, quizzes, written tests, essay and open-ended questions, journal writing, binder checks, journal writing, Internet research, long and short term projects, individual and group presentations, research projects and a final performance-based assessment.

History of Rock

Course # 320

Eligibility: This course is open to all students in grades 9-12

Content: The History of Rock is an in depth study of the origins of popular music in the 20th century and the social and historical context that gave birth to it and related genres and musical offshoots. From blues and country to punk and heavy metal, students will familiarize themselves with landmark groups, music, and movements of different periods, exploring connections between modern music and the artists from the past who have paved the way for the popular music of today.

Assessment: Student assessments will include, but are not limited to, in-class assignments, class participation, quizzes, tests, research papers, projects either individual or in groups, and presentations.

Contemporary Issues

Course #330 Credits: 2.5

Eligibility: This course is open to students in grades 9, 10, 11, and 12. This course may be taken more than once, as the nature of content changes.

Content: The course focuses on current issues or "history in the making." The analysis and interpretation of both domestic and international events as reported in print and television, and on-line media. The overall goal of this course is to help students think critically about how news is reported.

Assessment: Student assessments will include, but are not limited to, seminars, persuasive and expository essays, reading comprehension quizzes, mini-projects, and PowerPoint presentations such as creating the perfect presidential candidate.

History of the 1960's and 1970's

Course #334 Credits: 2.5

Eligibility: This course is open to students in grades 10, 11, and 12.

Content: The course is designed to give students a broad look at two of the most influential decades of the later 20th century. Studies will cover the major historical, social and cultural movements during this time period. These will include The New Frontier, US involvement in Vietnam, the Civil Rights struggle, the counter culture, the oil crisis, the Watergate scandal, economic, the "me" decade, early silicon based technologies and the changing culture of music in this period.

Assessment: Student assessments will include, but are not limited to, in-class assignments, class participation, quizzes, tests, research papers, projects either individual or in groups, and presentations.

Global Studies

Course # 318 Credits 2.5

Eligibility: This course is open to students in grades 10, 11, and 12.

Content: The course focuses on patterns and relationships within and among world cultures by analyzing geography, culture, and economics of certain global regions. It also focuses on an array of recent and current global issues such as ethnic conflicts, genocide, globalization of America's economy, and global warming. A key element of this class is in-class research and in-depth documentary analysis. The overarching goal of this course is to develop a sense of our role as global citizens.

Assessment: Student assessments will include, but are not limited to, quizzes, class participation, geography comprehension, documentary analysis, in-class research and group presentations (such as group presentations on recent conflicts in Africa, e.g. blood diamonds).

Understanding Government

Course #347 Credits: 2.5

Eligibility: This course is open to students in grades 9- 12.

Content: The course will look at the United States government, and how laws are made at the local, state and national level. In addition, students will examine the role of the presidency, the development of policy, the influence of special interest groups and the role of political parties. There is a field trip to the Massachusetts statehouse.

Assessment: Student assessments will include, but are not limited to, in-class assignments, class participation, quizzes, tests, research papers, projects either individual or in groups, and presentations.

Law

Course #348 Credits: 2.5

Eligibility: This course is open to all students in grades 11 and 12.

Content: Topics to be presented will include the courts, domestic relations, civil, criminal, and commercial law, leasing, contract and estates.

Assessment: Student assessments will include, but are not limited to, tests, quizzes, notebooks, homework, debates, and projects, such as the interpretation and application of an individual's constitutional rights in case studies.

World Language

The Seekonk World Language Department addresses national and state standards for instruction in World Languages. It equips the student with communication skills which allow him/her to think and to converse in more than one language, which enables the student to transcend the limitations of his/her native language and to view the world from different perspectives. The student will acquire the basic skills of listening, speaking, reading, and writing in a foreign language in addition to being exposed to the diversity and richness of other cultures. Insights into the historical forces that helped shape our own culture are also provided.

Students are provided with essential skills that will enable them to communicate with and contribute to the understanding of ethnic minorities. Bilingual capabilities will prove a valuable asset in the employment market.

French and Spanish are offered in a five-year sequence. Portuguese is offered in a three-year program. All four language skills (listening, speaking, reading and writing) are developed throughout the program. The emphasis of the first two years is on grammar and basic communication. Advanced study at the third and fourth concentrates on the student's development of fluency in the oral as well as written word.

Academic Expectations:

- speak effectively
- use technology effectively

General Guidelines:

1. Three years of a foreign language are recommended for students planning to apply to a four year college or university.
2. If a student plans to continue the study of a language in college, the last year of the sequence chosen should come in the senior year. A one-year gap can greatly reduce a student's proficiency.
3. Capable students may take more than one foreign language in any given year.

French I

Course #401 Credits: 5

Eligibility: This course is open to all students in grades 9 – 11.

Content: Intensive drill and constant exposure to the French language make it possible for the student to become aware of the structure of a language, and to realize that it is essentially a system of communication. In French I, the four language skills are developed in their natural order: listening, speaking, reading and writing. Emphasis is placed on acquisition of vocabulary and an in-depth understanding of grammatical structures. Students will use the language laboratory for development of listening comprehension and speaking skills. In addition, the student will gain information about French-speaking civilization, culture and customs.

Assessment: Formal and informal assessments including oral and aural assessment, quizzes, class work, partner dialogues, written assessment, tests and individual and partner projects. Ex: Design a restaurant or café menu and create a dialogue related to food service.

French II

Course #402 Credits: 5

Eligibility: This course is open to students who have completed French I.

Content: The course will reinforce and expand the foundation established in French I. There is a continuation in the learning of grammatical structures with an emphasis on reading, writing, and speaking the language. Vocabulary is increased and correct language patterns are encouraged. The language laboratory will be used regularly for the student's development of listening comprehension and speaking skills. Throughout this course, a greater use of French with less dependence upon English also strengthens the student's ability to communicate in the French language.

Assessment: Formal and informal assessments include oral and aural assessment, quizzes, class work, partner dialogues, written assessments, tests and individual and partner projects. Ex: Fashion show group project; design your own unique automobile.

French III

Course #403 Credits: 5

Eligibility: This course is open to students who have successfully completed French II.

Content: Emphasis is placed on increasing the student's oral and reading skills. Grammar points are reviewed and stressed as the student seeks greater proficiency in the language. Further development of listening, comprehension and speaking skills will be enhanced by the use of the language laboratory. Emphasis in reading is placed on the history and literature of the French-speaking world so that the student may be aware of the development of French culture. Through the reading of French and the additional study of practical conversational expressions, the student's active vocabulary is greatly increased.

Assessment: Formal and informal assessments include oral and aural assessment, quizzes, class work, partner dialogues, written assessments, tests and individual and

partner projects and presentations. Ex: Design and describe your own home; telephone dialogue.

French IV

Course #404 Credits: 5

Eligibility: This course is open to students who have successfully completed French III.

Content: The finer aspects of French grammar are presented in this course. Emphasis is placed on the reading of French works selected to increase the student's ability to read with rapid comprehension. The language laboratory is used and the target language is spoken extensively for the increased development of aural and oral skills. The student will write reports on selected subjects to increase his/her ability to express *himself/herself properly in French*.

Assessment: Formal and informal assessments include oral and aural assessment, quizzes, class work, partner dialogues, written assessments, tests and individual and partner projects and presentations. Ex: Autobiographies, French-Speaking World Projects, French Film Review.

French V

Course #405 Credits: 5

Eligibility: This course is open to students who have successfully completed French IV.

Content: The emphasis in this course is the further development of the student's ability to express him/herself in French. The language laboratory is used and the target language is spoken to increase the student's comprehension and ability to respond readily. The student will write short papers to increase his/her ability to express himself/herself in writing with correct grammatical structures. Selected topics from French language, culture and film will be explored.

Assessment: Formal and informal assessments include oral and aural assessment, quizzes, class work, partner dialogues, written assessments, tests and individual and partner projects and presentations. Ex: Senior Class French Magazine, Prehistoric France Tribes Project, French Revolution Project.

Spanish I

Course #410 Credits: 5

Eligibility: This course is open to students in grades 9 – 11.

Content: The course emphasizes the development of the student's comprehension of spoken elementary Spanish and correct pronunciation while conversing on simple everyday topics. Selected grammatical structures are studied to enable the student to read and write elementary Spanish. The language laboratory is used to give the student exposure to native speakers and to develop the student's speaking and listening comprehension skills.

Assessment: Formal and informal assessments include oral and aural assessment, quizzes, class work, partner dialogues, written assessments, tests and individual and partner presentations and projects. Ex: post cards, monster picture, country tissue box.

Spanish II

Course #412 Credits: 5

Eligibility: This course is open to students who have successfully completed Spanish I.

Content: This course will begin with a review of material presented in Spanish I. There will follow a continuation of the development of oral, aural, reading and writing skills and the acquisition of more advanced grammar structures and additional vocabulary. The language laboratory is used regularly to give the student exposure to native speakers and to increase pronunciation ability and listening comprehension.

Assessment: Formal and informal assessments include oral and aural assessment, quizzes, class work, partner dialogues, written assessments, tests and individual and partner presentations and projects. Ex: My schedule, personal post cards.

Spanish III

Course #415 Credits: 5

Eligibility: This course is open to students who have successfully completed Spanish II.

Content: The course reinforces the foundation presented in Spanish I and II and expands the student's skill development in the language through oral practice and acquisition of additional vocabulary. Greater emphasis is placed on the student's speaking and understanding the language. The language laboratory is used regularly throughout the course. The Destinos series is used and Spanish is spoken throughout the year.

Assessment: Formal and informal assessments include oral and aural assessment, quizzes, class work, partner dialogues, written assessments, tests and individual and partner presentations and projects. Ex: Fashion show, cooking demonstration, who am I?

Spanish IV

Course #416 Credits: 5

Eligibility: This course is open to students who have successfully completed Honors Spanish III or Spanish III.

Content: The course continues the study of the subjunctive mood and the expansion of the student's vocabulary, oral, and aural skill development. The Destinos series begun in Spanish III is continued. Selected readings of Spanish and Spanish-American authors are studied.

Assessment: Formal and informal assessments include oral and aural assessment, quizzes, class work, partner dialogues, written assessments, tests and individual and partner presentations and projects. Ex: Reflection papers, essays, cultural projects.

Spanish V

Course #417 Credits: 5

Eligibility: This course is open to students who have successfully completed Spanish IV.

Content: The emphasis in this course is the further development of the student's ability to express himself/herself in Spanish. The language laboratory is used and the target language is spoken to increase the student's comprehension and ability to respond readily. The Destinos series is completed. Readings of literary works of selected Spanish and Spanish-American authors will be studied. The students will write compositions throughout the course and complete a research project in Spanish

Assessment: Formal and informal assessments include oral and aural assessment, quizzes, class work, partner dialogues, written assessments, journals, tests and individual and partner presentations and projects. Ex: Children's Book Project.

Portuguese I

Course # 418 Credits: 5

Eligibility: This course is open to students in grades 9 – 11.

Content: The course emphasizes the development of the student's comprehension of spoken elementary Portuguese and correct pronunciation while conversing about simple everyday topics. Selected grammatical structures are studied to enable the student to read and write elementary Portuguese. The language laboratory is used regularly to give the student exposure to native speakers and to develop the student's speaking and listening comprehension skills.

Assessment: Oral/aural tests and quizzes, written tests and quizzes, readings in Portuguese, recordings, dialogues, class work, compositions, cultural projects, geography of the Portuguese speaking world.

Portuguese II

Course # 419 Credits: 5

Eligibility: This course is open to students who have completed Portuguese I.

Content: This course will begin with a review of material presented in Portuguese I. There will follow a continuation of oral, reading, writing and the comprehension of more advanced grammar structures and additional vocabulary. The language laboratory is used to give the student exposure to native speakers and to increase pronunciation ability and listening comprehension.

Assessments: Oral/aural tests and quizzes, written tests and quizzes, readings in Portuguese, recordings, dialogues, class work, compositions, cultural projects, research on Brazil, Cape Verde, Mozambique, Angola, East Timor.

Art Department

The Seekonk Art Program addresses national art standards, as well as state frameworks for art instruction. Three core concepts are emphasized: Learning in the arts is grounded in production and performance; art instruction involves imaginative, critical, and reflective thinking; and learning in the arts requires an understanding of cultural and historical contexts.

Academic Expectations:

- use a variety of problem solving skills
- use technology effectively

Introduction to Art

Course #501 Credits: 2.5

Eligibility: This course is open to students with no prior experience in art. The intent is to provide a broad experience in art.

Content: The course will allow for experimentation/exploration in a variety of media as well as initiating an appreciation of visual arts. The following concepts will be introduced: design, color, line, space, and texture. Students are encouraged to explore personal expression through both two-dimensional and three-dimensional art forms. Elements of art history will be introduced as they relate to work in class.

Student assessments will include, but is not limited to, rubrics, quizzes/tests, one-on-one critiques, classroom management/responsibility, creativity and craftsmanship/quality of work. Students are required to keep a journal with sketches and notes taken throughout the semester as well as a portfolio of completed work for self-assessment.

There is a \$10.00 materials fee for this course.

Introduction to Sculpture

Course # 515 Credits: 2.5

Eligibility: This course is open to students with no prior experience in art. The intent is to provide a broad experience in 3-dimensional media.

Content: The course will allow for the exploration and creation of three-dimensional forms by carving, modeling or assembling. Students will refer to Elements & Principles of Design in three-dimensional forms to help problem solve. Materials will include discovery in cardboard, plaster, clay, wire, wood and found objects. Elements of art history will be introduced as they relate to work in class.

Student assessments will include, but is not limited to, rubrics, quizzes/tests, one-on-one and group critiques, creativity and craftsmanship. Students will be required to keep sketch journals. There is a \$20.00 materials fee for this course.

General Art

Course #502 Credits: 2.5

Eligibility: This course is open to students who have successfully completed Introduction to Art and who wish to further their interest in art.

Content: The course includes skills learned in Introduction to Art applied to a more advanced level. The fundamentals of design are explored in both two-dimensional and three-dimensional artworks. The student is introduced to the concept of defining and developing a basic system of problem solving. An opportunity is provided for exploration in the areas of value drawing, scratchboard, printmaking, collage and pastels.

Student assessments will include, but is not limited to, rubrics, quizzes/tests, one-on-one critiques, classroom management/responsibility, creativity and craftsmanship/quality of work. Students are required to keep a journal with sketches and notes taken throughout the semester as well as a portfolio of completed work for self-assessment.

There is a \$10.00 materials fee for this course.

Exploration in Art

Course #503 Credits: 2.5

Eligibility: This course is open to students who have successfully completed Introduction to Art and General Art

Content: Students are exposed to the fundamentals of freehand drawing, representation of objects, nature forms, problems of analysis and composition, and technical standards. The following media are represented: acrylic, watercolors, pastel, pencil, charcoal, and pen and ink. Subject matter is drawn from the following areas: still life, photographs, landscapes, and the figure.

Student assessments will include, but is not limited to, rubrics, quizzes/tests, one-on-one critiques, classroom management/responsibility, creativity and craftsmanship/quality of work. Students are required to keep a journal with sketches and notes taken throughout the semester as well as a portfolio of completed work for self-assessment.

There is a \$10.00 materials fee for this course.

Drawing and Painting

Course #504 Credits: 2.5

Eligibility: This course is open to any grade 11 or 12 student who has successfully completed Introduction to Art, General Art, Exploration in Art and who has a desire to concentrate seriously on drawing and painting.

Content: Students will learn to draw and paint by observing the visual properties of form and space. They will learn the basic elements of drawing and painting and ways to use these elements.

Student assessment will include, but not limited to, projects via rubrics, critiques of both one on one as well as in groups, originality, creativity and craftsmanship, class participation, proper care of art materials, final exam or project presentation.

There is a \$10.00 materials fee for this course.

Ceramics I

Course #505 Credits: 2.5

Eligibility: Students must complete Introduction to Art as a prerequisite for Ceramics I.

Content: The course will focus on experimentation and exploration in a variety of hand-built construction methods: pinch pot, coil, slab, drape, mold, and combination. Surface embellishment, glazing, under glazes and oxidation firing will be explored.

Student assessment will include, but is not limited to, projects via rubrics, vocabulary and method quizzes/tests, care, clean-up and storage of projects, and craftsmanship.

There is a \$20.00 materials fee for this course.

Ceramics II

Course #506 Credits: 2.5

Eligibility: This course is open to students in grades 11 and 12 who have successfully completed Ceramics I.

Content: The course will improve and enhance the skill development begun in Ceramics I.

Student assessment will include, but is not limited to, projects via rubrics, vocabulary and method quizzes/tests, creativity and craftsmanship, care & clean-up of studio space.

There is a \$20.00 materials fee for this course.

Studio Art

Course #507 Credits: 2.5

Eligibility: This course is designed for seniors seriously considering entering art school. Students must have successfully completed Introduction to Art, General Art, Exploration in Art, and Drawing and Painting and must have the recommendation of the instructor.

Content: This is an accelerated course with an intensive study of drawing, painting, and three-dimensional design. Students will be encouraged to select an area of specialization and concentrate on that medium during the semester. Students will work closely with the art teacher to perfect their chosen medium/media. Independent project work and the expansion of student portfolios will be the focus of the course.

Student assessment will include, but is not limited to, projects via rubrics, one on one critiques, sketch books, journals, slide or PDF file portfolios, readings and response questions, self-assessment statement and final project presentation.

There is a \$10.00 materials fee for this course.

Portfolio Preparation

Course #508 Credits: 2.5

Eligibility: This course is open to seniors planning to pursue a major in art and who need to create a portfolio for college admission.

Content: This course is designed for the serious art student. Time will be spent on refinement and expansion of artistic skills. Students will be expected to draw upon prior knowledge to solve artistic problems. Students will be expected to intelligently discuss and explain all project work.

Student assessment will include, but is not limited to, projects via rubrics, one on one critiques, sketch books, journals, slide or PDF file portfolios, readings and response questions, self-assessment statement and final project presentation.

There is a \$10.00 materials fee for this course.

Technology Department

The technology department offers one and two semester sequences electives which meet the computer/technology graduation requirement. These courses are designed to improve student skills in using software applications, hardware topography, and various programming languages.

Academic Expectations:

- use technology effectively

Technology and Information Literacy

Course # 727 Credit 2.5

Eligibility: This course is an introductory course that fulfills the requirement for graduation

Content: This course will expose students to 21st Century technology and information Literacy skills. Students will explore new Web 2.0 tools that will encourage creativity, productivity, problem-solving and critical thinking. Students will learn to gather information from a variety of sources, plan effective search strategies, evaluate information, and collaborate to create a final product.

Assessment: Student assessment will include but is not limited to, tests, quizzes, notebooks, projects and a final exam

Computer Technology I

Course # 716 Credits: 2.5

Eligibility: This course is open to students in grades 9-12.

Content: This course introduces students to the technical components of the computer such as hardware, software, and networks. The students will obtain an understanding of the basic technical skills necessary to understand the workings of the internal structure of a computer system, as well as understanding the relationship and interaction of computer hardware and software.

Student assessment will include but is not limited to tests, quizzes, notebooks, projects and a final exam

Web Design

Course #723 Credits: 2.5

Eligibility: This course is open to students in grades 9-12.

Content: Students will learn how to create web pages using HTML and Adobe DreamWeaver Software. Basic techniques of manipulating text, images, tables, and frames will be covered the first half of the course and more advanced techniques using DreamWeaver will be the focus for the second half of the course.

Student assessment will include but is not limited to tests, notebooks, projects and a project-based final exam

Introduction to CAD

Course #718 Credits: 2.5

Eligibility: This course is open to students in grades 9-12.

Content: This course introduces the students to computer-aided design using AutoCAD LT. Three-dimensional computer drafting of plan, side, and cross sectional views for architectural and mechanical elements using robotics will be studied and practiced.

Student assessment will include but is not limited to tests, quizzes, notebooks, projects and a final exam

Intermediate CAD

Course # 719 Credits: 2.5

Eligibility: Open to all students who have completed Introduction to CAD with a passing grade.

Content: This course is a continuation of Introduction to CAD. Students in this class will create a thorough architectural or mechanical drafting project along with programming robotics

Student assessment will include but is not limited to tests, quizzes, notebooks, projects and a final exam

Introduction to Programming

Course #734 Credits: 2.5

Eligibility: This course is open to students in grades 9-12.

Content: This course introduces students to computer programming using Microsoft Visual Basic and robotics. Students will be exposed to other programming languages available and taught different programming styles. The course focuses on the fundamentals of good programming style and logic skills. No previous programming experience is necessary.

Student assessment will include but is not limited to tests, quizzes, projects and a final exam

Intermediate Programming

Course #735 Credits: 2.5

Eligibility: Open to all students who have successfully completed Introduction to Programming.

Content: This course is a continuation of computer programming using Microsoft Visual Basic and robotics. Students will be exposed to other programming languages available and taught different programming styles. The course focuses on the fundamentals of good programming style and logic skills.

Assessment: Student assessment will include but is not limited to tests, quizzes, projects and a final exam.

Digital Photography

Course #748 Credits: 2.5

Eligibility: This course is open to students in grades 9-12.

Content: Students will learn the basics of photography, using digital cameras instead of film cameras. Selecting proper settings for various photographs, cropping photographs and other techniques will be studied. Students will be required to present a photo display at the end of the course.

Student assessment will include but is not limited to tests, portfolios, related projects and a final exam.

Introduction to Marketing

Course # 720 Credits: 2.5

Eligibility: This course is open to students in grades 10-12

Content: This course focuses on the key concepts of marketing principles. From understanding the customers to marketing ethics, we will explore the world of marketing and how it is woven throughout commerce. Student projects and activities will be learning experiences that will give a better understanding of the functions of marketing. Students will learn about the wide world of marketing. By working on projects the students will learn about marketing, the customer, product, and sales. A hands on approach using projects that the students can relate to from school events to consumer goods will provide a fun learning experience.

Student assessment will include but is not limited to tests, portfolios, related projects and a final exam.

Digital Video Technology Department

Television Production I

Course #743 Credits: 2.5

Eligibility: The course is open to students in grades 9 through 12.

Content: This course is an introduction to video production equipment, both studio and portable. Students will be introduced to shooting, editing, lighting, principles of sound and the studio. Students will write, produce and edit their own programs on a non-linear editing system. ***There is a \$5.00 media fee to cover the cost of videotapes.***

Assessment Measures: *Television Students will be required to: Demonstrate these abilities on written quizzes and exams. Perform certain tasks in the lab to the instructor's satisfaction and to industry standards.*

Television Production II

Course #744 Credits: 2.5

Eligibility: The course is open to students who have passed Television Production I.

Content: Students will continue to hone their skills in media production, especially in editing, field directing and lighting. Video productions will be produced, directed and edited entirely by students. Apple's Final Cut Express, an editing industry standard, will be utilized. Some of the projects will be broadcast on Seekonk's educational channel, which airs throughout the town. ***There is a \$5.00 media fee to cover the cost of videotapes.***

Assessment Measures: *Students will be required to: Demonstrate these abilities on written quizzes and exams. Perform certain tasks in the lab to the instructor's satisfaction and to industry standards.*

Broadcast News

Course # 750 Credits: 2.5

Eligibility: This course is open to students who have completed Television Production I and Television Production II.

Content: This course is designed to teach the fundamentals of broadcast journalism, including news writing, on-camera work, videotaping and editing. Students will be responsible for the production of regular STV News broadcasts.

Assessment Measures: Students will be graded on how the newscast develops, how they perform their roles, and how they develop as a team to produce the newscast.

There is a \$5.00 media fee to cover the cost of videotapes.

Video Yearbook

Course # 746 Credits: 5

Eligibility: This course is open to juniors and seniors who have completed Television Production I and Television Production II.

Content: Students will use the skills they have acquired in shooting, editing, sound and storytelling to create a Video Yearbook reviewing major school events and senior activities. This video yearbook will be sold to students and staff of SHS. Since many activities /events take place outside regular class times, students will be required to perform many duties during after-school hours.

Assessment Measures: Students will be graded on how the yearbook develops, how they perform their roles, and how the individual pieces and finished product looks and sounds. Students will be required to: Demonstrate these abilities on written quizzes and exams. Write a 3-5 page paper describing their experiences developing the video yearbook. Keep a weekly journal, listing his/her activities, ideas, feelings, etc. Demonstrate technical abilities in shooting and editing.

Music Department

Academic Expectations:

- read effectively

Concert Band/Marching Band

Course #521 Credits: 5

Eligibility: This course is open to all interested students with an instrumental background.

Content: This course will help students develop an understanding of the aesthetic nature of music through active participation in full and small ensembles. Music will span a variety of styles and time periods. Participation in concerts is mandatory. It is also expected that students perform at home football games.

Student assessment will include, but is not limited to attendance at all performances, attendance and participation in class rehearsals and a mid-term and final applied exam.

Symphonic Band/Marching Band

Course #519 Credits: 5

Eligibility: This course is open to students in grades 9-12 who possess a high level of proficiency on a wind or percussion instrument and is by audition only. Auditions for this ensemble will be held at the end of the spring semester for students in grades 8-11 for the following school year.

Content: This course will help students develop a higher understanding of the aesthetic nature of music through active participation in full and small ensembles. Music performed will be at a higher level than concert Band and will span a variety of styles and time periods. Participation in concerts is mandatory. It is also expected that students will perform at home football games.

Student assessment will include, but is not limited to attendance at all performances, attendance and participation in class rehearsals, a midterm and final applied exam.

Symphonic Band/Honors Level

Credits 5

Students who elect to take Band at the Honors level can choose this option after their sophomore year. To elect this option, students should select the regular band course and apply at the Band office the semester before they wish to start Honors Credit for Band. A list of students participating at the honors level will be submitted at mid-year and will then receive the honors credit. Requirements include a private study component, a short research paper each quarter, practice documentation and reflection submitted each quarter, monthly music theory assignments and a brief quarterly performance of music studied. Students must meet all deadlines for submission of work to remain in the Honors level.

Percussion Ensemble (Beginner Level)

Course # 553 Credits: 2.5

Eligibility: This course is open to students who can demonstrate percussion ability.

Content: This course is a basic percussion class that will give the student the opportunity to learn various percussion instruments. Rhythmic studies, mallet percussion, improvisation and percussion composition will be covered. Students will be required to supply their own snare drum sticks and lesson book.

Student assessment will include, but is not limited to one on one performance tests via rubrics, daily class work, written counting and music theory quizzes and a final exam.

Beginning Instrument

Course #512 Credits: 2.5

Eligibility: This course is open to all students and can be taken after school or as a performance based project. Arrangements need to be made with instructor.

Content: This course is an opportunity for students to learn to read music and to play a band instrument in a group/ensemble.

Student assessment will include, but is not limited to attendance, and participation in scheduled classes, completion of a practice journal, and applied tests.

Music Theory

Course #513 Credits: 2.5

Eligibility: This course is for the advanced music student.

Content: Students will be introduced to the basics of music theory. This course will offer a comprehensive survey of music theory concepts: melodic, rhythmic and harmonic materials; musical structure and form; composition and analysis. Students will learn to write music notation using Finale® software.

Student assessment will include, but is not limited to tests and quizzes covering written material and composition projects of varying lengths. Students will be required to complete projects and take a final exam.

Introduction to Western Music

Course # 514 Credits: 2.5

Eligibility: This course is open to all students preparing to enroll in a 4 year college after high school.

Content: This course will offer an introductory level survey of Western Music through the study of the elements that compose music. These musical elements will be examined through their use in representative works of Western art music. Important composers and stylistic developments will also be highlighted. Above all, an emphasis will be placed on active, concentrated listening. This course is designed to help prepare students who will need to complete the fine arts requirements of most undergraduate degree programs.

Student assessment will include, but is not limited to tests and quizzes covering written material and music listening. Students will be required to complete projects and take a final exam.

Guitar

Course #554 Credits: 2.5

Eligibility: Open to all students in grades 9-12 and is for beginner level only. Advanced players should take private lessons.

Content: This course will teach students the basics of how to play the guitar. This course is only for beginners. Students will also learn music notation and basic music theory as it relates to the guitar. No tabs will be taught.

Student assessment will include, but is not limited to one on one performance tests via rubrics, daily class work/participation, written music theory quizzes and a final exam.

Keyboard/Piano

Course #556 Credits: 2.5

Eligibility: This class is open to students in grades 9-12 and is for beginner level only and not for advanced piano players. Advanced players should take private lessons.

Content: This course is designed to teach students the basics of the piano keyboard. Students will also learn music notation and basic music theory as it relates to the piano. *Student assessment will include, but is not limited to one on one performance tests via rubrics, daily class work/participation, written music theory quizzes and a final exam.*

Personal Wellness Department

Family and Consumer Science

Health

Physical Education

The Personal Wellness Department teaches students fundamental concepts and skills that foster healthy habits and behaviors through sequential and coordinated teaching of health education, physical education, and family and consumer science courses. This program is designed to allow students to take responsibility for their physical, mental and emotional well-being.

Academic Expectations:

- write effectively
- use a variety of problem solving skills

Family and Consumer Science

Introduction to Nutrition and Foods

Course # 640 Credits: 2.5

Eligibility: Grades 9 -12

Content: This course is a combination of theory and laboratory activities. Knowledge and skills of current factual nutrition principles, principles of cookery of a variety foods and consumerism are included in this course. It promotes responsibility, good decision making, and positive wellness habits.

Student assessments will include, but not be limited to rubrics, class work, written work, homework, tests, quizzes and final exam, problem solving laboratory activities and observation, projects, participation and preparedness.

*This course has a \$20.00 laboratory fee.

Culinary Arts

Course #641 Credits: 2.5

Eligibility: Students in grades 10-12 who have completed Introduction to Nutrition and Foods with a grade of 70 or above.

Content: This is a one semester course that builds on the knowledge and skills learned in the Nutrition and Foods course. The study of food, its physical properties, nutritional values and the science behind its preparation will be explored. Students will experience a variety of different foods while perfecting and promoting organizational skills, peer respect and peer communication skills.

Student assessments will include, but not be limited to rubrics, class work, written work, homework, tests, quizzes and final exam, problem solving laboratory activities and observation, projects, participation and preparedness.

*This course has a \$25.00 laboratory fee.

Contemporary Living

Course # 644 Credits: 2.5

Eligibility: This class is open to students in grades 11 and 12.

Content: This course is concerned with all aspects of life to help students understand their lives as individuals, as family members, and as a part of society. Some of the topics in this discussion based class include: communication, self-analysis of one's personality, real life finance issues, underage drinking, coping mechanisms as well as dating. The students will explore these issues and learn ways to promote healthy lives now and in their future.

Student assessment will include but is not limited to problem solving case studies, rubrics, projects, quizzes, tests which include writing effectively, and homework.

Introduction to Child Development

Course # 645 Credits: 2.5

Eligibility: This course is open to students in grades 9 and 10.

Content: This course is an introduction to childcare. Students will become familiar with the stages of child development, from birth through infancy. They will study the predictable sequence of behavior and the methods to be used to encourage proper development of a child. This course includes one eight week session of preschool.

Student assessment will include but is not limited to problem solving case studies, rubrics, projects, quizzes, tests which include writing effectively, and homework.

Child Development

Course # 646 Credits: 5

Eligibility: This course is open to students in grades 11 and 12.

Content: This course is concerned with the study of healthy and intelligent attitudes toward and understanding of children in their formative years. The course content will include the study of large and small motor skills, physical and emotional development, as well as the intellectual development of children from birth to preschool. This course includes an eight week session of preschool in the fall and an eight week session in the spring.

Student assessment will include but is not limited to problem solving case studies, rubrics, projects, quizzes, tests which include writing effectively, and homework.

Fashion Design I

Course #642 Credits: 2.5

Eligibility: This course is open to all students in grades 9-12.

Content: This course content will include textile knowledge and skills such as color, design, clothing care and consumerism. Hand and machine construction techniques will be applied to a minimum of 3 completed projects, such as personal clothing, home furnishing and accessories. Students' responsibilities will include use of consumer skills to purchase necessary and suitable project supplies.

Student assessments will include, but not be limited to rubrics, class work, written work, homework, tests, quizzes and final exam, problem solving laboratory activities and observation, projects, participation and preparedness.

Fashion Design II

Course # 637 Credits: 2.5

Eligibility: Grades 10 -12. Students must have successfully completed Fashion I.

Content: Students will expand their fundamental knowledge and skills of textile construction and creativity. Exploration of the world of fashion - past, present and future will be applied. Student's responsibilities will include use of consumer skills to purchase suitable supplies for a minimum of 3 construction projects.

Student assessments will include, but not be limited to rubrics, class work, written work, homework, tests, quizzes and final exam, problem solving laboratory activities and observation, projects, participation and preparedness.

Health Education

Health Topics

Course # 820 Credits: 2.5

Eligibility: Grade 9 or 10 students.

Content: Health Topics stresses the importance of good decision making in a young person's life. Being proactive, taking responsibility for personal actions and increasing self-esteem are key aspects to giving students the confidence to make positive decisions. Health related issues are discussed in an age appropriate manner.

Student assessment will include, but is not limited to general health knowledge quizzes, reflective essay (reflective essay rubric), class participation, performance based projects and a final examination.

Personal Development

Course #819 Credits: 2.5

Eligibility: This semester elective is available for all students in grades 10-12.

Content: Personal Development is a course designed to help students build a healthy foundation and reach their full potential. Students will focus on developing skills that enable them to handle stress better, control anger, and make positive choices regarding

sleeping and eating habits. Students will work together in an effort to better their environment through a community service project.

Student assessments will include, but is not limited to general health knowledge quizzes, reflective essay (reflective essay rubric), class participation, performance based projects and a final examination.

Physical Education

Students are required to take physical education every year and pass a minimum of three semesters of Physical Education while in high school. A student who participates on a Seekonk High School athletic team for an entire season may have that count as their participation in physical education during their junior or senior year. If counting their team sports as participation a PE waiver form needs to be completed with their guidance counselor. All students are required to take Introduction to Sports in the 9th grade. Students choose between Team, Individual Sports and Fitness Walking in the 10th, 11th and 12th grade. Weight Training and Competitive Sports are offered in the 11th and 12th grade only. Students with scheduling conflicts must meet with their guidance counselor to complete a physical education plan. Students should only enroll in one physical education class per year.

Introduction to Sports and Fitness Course # 808 Credits 2.5

Eligibility: This course is required for all 9th grade students.

Content: Students in this course will be exposed to a variety of team and individual sports, which may include archery, badminton, basketball, circuit training, floor hockey, soccer, softball, speedball, tennis, track and field, and weight training. Students will complete introductory sports packets for each unit and will follow the packets with participation in the listed sports.

Student assessment will include, but not be limited to proper dress for class, completing sport packets, participation in class activity, quizzes, a P.E. practical and a final exam.

Team Sports and Fitness Course#812 Credits: 2.5

Eligibility: Grades 10, 11 and 12 students who have taken and passed Introduction to Sports and Fitness.

Content: This course will continue participation in team sports introduced in Introduction to Sports. The intensity of participation and development of skills will increase. More competitive activities through games, tournaments and strategies development will be emphasized. Students will work on improving their personal physical fitness levels through the use of percent body fat analysis machine, warm up videos, fitness gram software which will help assess their healthy fitness zones. Students will focus on their skill-related fitness in the areas of agility, balance, coordination, speed, power and reaction time. The following sports may include: flag football, softball, team handball, basketball, volleyball, speedball, ultimate Frisbee, soccer and floor hockey.

Student assessment will include, but not be limited to proper dress for class, participation

in daily circuit and activity, keeping a fitness folder and a P.E. practical and written final exam.

Individual Sports and Fitness

Course #839 Credits: 2.5

Eligibility: Grades 10, 11 and 12 students who have taken and passed Introduction to Sports and Fitness.

Content: Students will participate in individual sports and will investigate ways of achieving life-long fitness. Students will focus on their personal health-related fitness in areas of muscular strength, muscular endurance, cardiovascular endurance, flexibility and body composition. Sports may include: archery, badminton, fitness walking, circuit training, weight training, tennis, Frisbee golf and fitness testing. Students will learn proper stretching, warm-up/cool-down techniques, and have the opportunity to work with fitness videos, pedometers, and percent body fat analysis machine.

Student assessment will include, but not be limited to proper dress for class, participation in daily circuit and activity, keeping a fitness folder and a P.E. practical and a final exam.

Fitness Walking and Aerobics

Course#807 Credits: 2.5

Eligibility: Grades 10, 11 and 12 students who have taken and passed Introduction to Sports and Fitness.

Content: This course is designed for the non-competitive student who wants to get into shape. Class activities will include individual record-keeping, proper stretching, warm-up/cool-down techniques, using pedometers, percent body fat analysis machine, workout videos and daily walking workouts. Students will learn techniques for fitness walking, different aerobic activities (such as step aerobics, Tae Bo and Pilates).

Student assessment will include, but not be limited to proper dress for class, participation in daily circuit and activity, keeping a fitness folder and a P.E. practical and written final exam.

Weight Training and Fitness

Course#817 Credits: 2.5

Eligibility: Grades 11 and 12 students who have taken and passed Introduction to Sports and Fitness.

Content: This course is designed for the student interested in improving his/her ability to perform basic motor skills, improve flexibility and strength, help control body weight, improve self-confidence and self-image. Each student will have an individual program incorporating resistance training, weight training, exercise machines and stretching. The objective of this course is to establish fitness as a life-long habit.

Student assessment will include, but not be limited to proper dress for class, participation in warm-up and personal fitness program, keeping a fitness log, quizzes, a P.E. practical and written final exam.

Competitive Sports and Fitness

Course # 816 Credits: 2.5

Eligibility: Grades 11 and 12 students who have taken and passed Introduction to Sports and Fitness.

Content: This course is designed for students who relish competition, who have a high level of motor skills and who want to be challenged in both team and individual sports. Students will participate in competitive games, tournament play, and strategy development and coaching, refereeing and leadership skills.

Student assessment will include, but not be limited to proper dress for class, full participation activity, daily team duties and a P.E. practical and written final exam.

Red Cross Lifeguard Course

Course # 841 Credits: 2.5

Course Purpose

The primary purpose of the Red Cross Lifeguarding program is to provide entry-level lifeguard participants with the knowledge and skills to prevent, recognize and respond to emergencies and to provide care for injuries and sudden illnesses until emergency medical services (EMS) personnel arrive and take over.

Course Prerequisites

To be eligible for the Life guarding course, the participant must be 15 years of age on or before the final scheduled session of this course. The participant must successfully complete the following:

Swim 300 yards continuously, using these strokes in the following order

100 yards of front crawl using rhythmic breathing and a stabilizing, propellant kick.

Rhythmic breathing can be performed either by breathing to the side or to the front. yards may be a combination of front crawl and breaststroke.

Starting in the water, swim 20 yards using front crawl or breaststroke, surface dive 7-10 feet, retrieve a 10-pound object, return to the surface, swim 20 yards back to the starting point with the object and exit the water without using a ladder or steps, within 1 minute, 40 seconds.

100 yards of breaststroke using a pull, breathe, kick and glide sequence

100 yards of either the front crawl or breaststroke. The 100

Class Size

The course is limited to 12 participants

Certification

Upon successful completion of the Lifeguarding course, each participant will receive two *American Red Cross Universal Certificates* – one indicating Lifeguarding/First Aid, which is valid for 3 years and another indicating CPR/AED for the Professional Rescuer, which is valid for 1 year.

Student Fee

\$55.00 (to cover cost of books, pocket mask and certifications)

Please Note

Courses with insufficient enrollment may not be offered during the 2013-2014 school year.

