

FREEPORT HIGH SCHOOL

G.A.

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Principal

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Liz Peirce
Guidance Counselor

Dear RSU5 School Board members:

We have been working as a staff to revise and enhance the Freeport High School Program of Studies for the 2017-2018 school year. We sought feedback from members of all FHS departments, and the guidance team, along with administration, has been working to make any revisions necessary. As we moved into a proficiency-based system for the incoming 9th graders in the Class of 2021, there are some aspects of the Program of Studies that pertain just to those students, while other aspects pertain to next year's Sophomores, Juniors and Seniors. We have not made major changes to our course offerings, and many of the changes were in regards to credits, grading and reporting and school processes in a proficiency-based system.

Below are the major revisions to our Program of Studies for this year:

1. General changes were made to the order of the Program
2. Program of Studies Page – moved to page 1. Added a disclaimer; Took out Content area/Course Info, course levels, course lengths, prerequisite, credit info (this is all now embedded in the course descriptions).
3. Mission Page moved to page 2; Accreditation moved to page 2
4. Added page 3 – Contact/Directory Page
5. Moved Maine State Law from back of book to front (pages 8-15) – content remained the same
6. 21st Century Learning Expectations/Guiding Principles – added the full document on pages 16-17
7. Guidance Department Page 18 – added bullet about helping students with prep for college or other vocational school
8. Added page 19 - Possible post-secondary pathways for students (NEW CONTENT)
9. Revamped Academic Support pages 20-21 – added callback system information, added guided study halls with description. Moved Gifted and Talented Services to page 21.
10. Added page 25 to describe our Grading System with 4.0 scale conversion. Also added information on how to make honor roll. (NEW CONTENT)
11. Registration Process page 26 was tweaked. Info added on AP class registration.
12. Pages 28-29, Course Planning and Sequencing, are new pages. This clarifies the planning and sequencing process. (NEW CONTENT)
13. Page 30, Course Add/Drop is a new page – this clarifies our process. (NEW CONTENT)

Accredited Member New England Association of Schools and Colleges

14. Added Course Catalog Page 31
15. Course Selection Pages – General format changed. Took out all Department Descriptions and standards descriptions. Took out at-a-glance charts because they are embedded in course descriptions.
16. English Department, p. 32-35: Changed Senior Year Offerings. New offerings include – English-12: Literacy, English 12-: Composition, English-12: Creative Writing, English-12: Public Speaking, English 12: Skills I & II. Added Senior Seminar to this section
17. Health and PE Department, p. 36-37: Took out Senior Seminar (moved to English)
18. Mathematics Department: No changes to classes
19. Science Department, p. 42-46: Changed Technology Offerings – Introduction to Engineering and Design, Engineering & Design Lab, Engineering & Design Capstone. Took out Engineering Structures, Machines, Electronics, Bio/Chem, Advanced Project Design, Robotics I & Robotics II
20. Social Studies Department, p.48-51: Added Model UN Prep class
21. Visual and Performing Art Department. Music Offerings p. 52-53 – took out Keyboarding Lab, Music Composition. Added Intro to Piano, Music Technology.
22. Additional Academic Opportunities on page 61 – changed format
23. Abroad Programs on page 63 – changed paragraph
24. Region 10 on pages 64-67 – Took out Firefighting program and Program on Health Sciences.
25. Extracurricular Clubs and Activities, p.68– Updated
26. Athletics, p.69 –changed format

Possible addition of “At-A-Glance” Course offerings chart as an index at back of book.

Freeport High School
Program of Studies
2017-2018



RSU NO. 5
30 Holbrook Street
Freeport, Maine 04032
(207) 865-4706

P rogram of Studies Overview

Introduction

The Freeport High School Program of Studies presents information about the courses offered at the school. Students should use this book as they plan an appropriate academic program. Please recognize that these courses are possible offerings for the coming year. A variety of factors, including the number of students enrolled in a given course, will determine whether it is offered or not.

The Freeport High School Program of Studies also provides information about our Student Services Department, its role in your student's education, and the department's processes associated with course registration. Other support services are described as well. Graduation requirements for current and future Freeport High School students are fully explained.

DISCLAIMER: Subsequent to publication of this catalog, Freeport High School reserves the right to make changes in courses, program requirements, policy and regulations as circumstances, funding, and enrollment dictate. There is no guarantee that any course listed in this catalog will be offered in any given semester. The on-going work of aligning the curriculum with the Maine Standards will, of necessity, result in changes in course content. Students and parents will be informed if changes in course content create a significant difference between the course descriptions as it appears in this Program of Studies and the revised course content.

Mission Statement

As a community we promote high levels of academic, civic, and social development. We celebrate and respect individual talents and the diversity of our perspectives. We come together with the belief that as effective communicators we create a safe environment and opportunities for all. We value self-reliance, personal integrity, and social responsibility. We take pride in our achievements, knowledge, and our ability to adapt to change. We are passionate about learning and understand that it is a lifetime process that goes beyond the walls of our school.

Accreditation

Freeport High School is accredited by the New England Association of Schools and Colleges, Inc., a non-governmental, nationally recognized organization whose affiliated institutions include elementary schools through collegiate institutions offering postgraduate instruction.

Accreditation of an institution by the NEASC indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer group review process. An accredited school or college is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the New England Association is not partial but applies to the institution as a whole. As such, it is not a guarantee of the quality of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding the status of an institution's accreditation by the New England Association should be directed to the administrative staff of Freeport High School.

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Contact Information

SCHOOL & DISTRICT NUMBERS

Freeport High School Main Office	865-4706
Region 10 Technical High School	729-6622
Freeport High School Instructional Support Services	865-2856
Ms. Becky Foley, Superintendent's Office	865-0928, x5

ADMINISTRATION - 865-4706

Ms. Jen Gulko, Principal	x224
Mr. Charlie Mellon, Assistant Principal	x223
Mr. Craig Sickles, Athletic Director	x228

SCHOOL COUNSELING & SUPPORT TEAM - 865-4706

High School Counseling Office	x305
Ms. Alexis Rog, Counselor & Chair	x306
Ms. Dana Clark, Counselor	x304
Ms. Liz Peirce, Counselor	x303
Ms. Margarete Schnauck, School Social Worker	x253
Ms. Brenda White, School Nurse	x200

P rincipal's Letter

The Freeport Program of Studies is intended to provide both parents and students an overview of Freeport High School's academic expectations and an understanding of the various other programs and supports available to students to promote success during their high school careers.

Freeport High School is a school community that prides itself on building strong relationships with students and preparing them for high levels of success in college and/or careers after high school. We are dedicated to pushing our students to become critical thinkers, creative problem-solvers, perseverant learners and positive community members.

The 2017-2018 school year will bring many exciting new opportunities, such as the use of our outstanding new facilities with the completion of our renovation and expansion project. This will include new state-of-the-art classrooms, cafeteria, fitness center, band and chorus spaces, STEM lab, and a renovated library. We are ecstatic about the addition of a world-class track and field that will be used by students and community members alike. We are also excited about the Class of 2021 joining our FHS community as the first proficiency-based class. Some policies and procedures will shift for our new 9th graders, but our FHS staff will continue to provide authentic and rigorous learning experiences for all students, hold all students to high expectations for learning, and support students in reaching those goals.

Proficiency-based education rests on the belief that all students should be held to high standards for learning, should be clear about what they are expected to learn and should be given regular feedback about their progress toward those standards as well as continuous support. Proficiency-based diplomas are awarded on the basis of demonstrating the skills and knowledge that prepare students for success in our ever-changing 21st century world and workplace. Proficiency-based education outlines a system to ensure all students learn and demonstrate those skills and content. These diploma requirements go into effect for the FHS Class of 2021; therefore, elements of the Program of Studies pertain specifically to those students who will be the first group required to demonstrate understanding of our content standards. Our faculty is working diligently to implement proficiency-based practices that will support our students in reaching high levels of academic and personal success.

As we move into the 2017-2018 school year, we will continue to work to support the students of Freeport, Durham and Pownal both in and out of the classroom. We will strive to provide a challenging academic experience while encouraging our students to persevere and succeed. We look forward to welcoming new members of our Freeport High School student body and community.

Sincerely,

Jen Gulko, Principal

Charlie Mellon, Assistant Principal

School Profile

2016-2017 SCHOOL PROFILE

SCHOOL AND COMMUNITY

Freeport High School is an innovative and academically rigorous institution which consistently receives academic, performing arts, and athletic honors/recognition. Taking advantage of its small enrollment, the Freeport High staff has developed a reputation for student-centered instruction. It maintains a strong identity and serves as the traditional community center with large numbers of townspeople attending and participating in sporting events, plays, concerts, and community education activities.

Freeport is a diverse and growing community of approximately 8,800. Founded in 1683, it is located on the southern coast of Maine, and has had a heritage of quality shipbuilding and shoe manufacturing. Centered around the world famous L.L. Bean store, the town presently has more than 150 retail outlets, as well as tourist services for the 4,000,000 visitors which travel to Freeport each year.

Accreditation: New England Association of Schools and Colleges

Enrollment: Grade 9 - 129 Grade 10 - 145 Grade 11 - 111 Grade 12 - 131

Faculty: 60 professionals, 16 support staff

CURRICULUM

Freeport High School offers Advanced Placement (AP), Honors (H) and college preparatory level classes. AP courses have been available to the Class of 2016. However, not all courses are offered every year, and due to scheduling constraints it is not possible for any student to take all the AP courses offered in any given year. Students also have access to Virtual High School (VHS) and other online courses at all levels, including AP.

Honors Courses:

English: AP English Language and Composition, AP English Literature and Composition, Honors English 9, Honors Humanities/English 10, Honors English 11 Mathematics: AP Calculus AB, AP Calculus BC, AP Statistics, Honors Geometry, Honors Algebra I, Honors Algebra II, Honors Pre-calculus Science:

AP Biology, AP Environmental Science, AP Physics C:Mechanics, Honors Science and Sustainability, Honors Biology, Honors Chemistry Social Studies:

AP World History, Honors American History, Honors Humanities/Western Studies, Honors Global Studies, Honors Contemporary Global Issues, Visual & Performing Arts: AP Studio Art, AP Art History, AP Music Theory, Honors Foundation of Art, Honors Chamber Choir

Additional courses are offered through: Maine Region Ten Technical High School, Morse Street Early Childhood Preapprenticeship, JMG (Jobs for Maine Graduates), PLATO, Virtual High School, Work Study

Graduation Requirements

22 Credits: English - 4, Math - 3, Social Studies - 3, Science and Technology - 4, World Language - 1, Visual & Performing Arts - 1, Health - ½, PE - 1, Electives - 4.5

Grading and Distribution

<u>Grade</u>	<u>Grade Pt. Value</u>				<u>Grade</u>	<u>Value</u>
A	93-100				H	Honors
B	85-92	HP		High Pass		
C	77-84	P		Pass		
D	70-76		W			Withdrew
F	0-69		F			Fail
		NC		No Credit		

Honor Roll: High Honors = All grades 93 or above

Honors = all grades 85 or above

Beginning with the Class of 2000, Freeport High School will not report rank in class. Freeport designates summa cum laude with distinction (96-100), summa cum laude (93-100), magna cum laude (89-92), cum laude (85-88) and rounds to the nearest whole number.

Grade Point Average

AP and Honors courses are not weighted. All courses receive equal value with the exception of those subjects graded on a pass/fail basis, which are not included in calculating the GPA.

Post-Secondary Plans

Class of 2016:	<i>Four Year College</i>	<i>Two Year College</i>	<i>Armed Services</i>	<i>Employment</i>
Number in Class: 116	58%	18%	1%	23%

Class of 2016 SAT Scores

FHS 11th Grade:

<u>Mean Total Score</u>	<u>Mean *EBRW Score</u>	<u>Mean Math Score</u>	<u>Participation</u>
1001 / 400 to 1600	509 / 200 to 800	492 / 200 to 800	121 Total test takers/134 enrolled
34% Met Both Benchmarks	61% Met EBRW Benchmarks	40% Met Math Benchmarks	90% Participation

State Total Mean Score = 992

*Evidence-Based Reading and Writing

The following is a partial list of the post-secondary institutions at which the graduates of 2016 were accepted:

Acadia University	Earlham College	Pennsylvania State Univ.	Universal Technical Institute
Bard College	Eckerd College	Plymouth State University	University of Delaware
Barry University	Emmanuel College	Rutgers University	University of Maine
Bowdoin College	Gordon College	Sacred Heart University	Univ. of New Hampshire
Brandeis University	High Point University	San Diego State University	University of New England
Carleton College	Husson University	San Francisco College of Art	University of Tampa
Champlain College	Jacksonville University	Skidmore College	University of Vermont
Clark University	KVCC	SMCC	University of Farmington
CMCC	Lock Haven University	Southern NH University	Univ. of Southern Maine
Colby College	Lyndon State College	State Univ. of New York	Vassar College
Connecticut College	Maine Maritime Academy	Thomas College	Villanova University
Drexel University	Merrimack College	Unity College	Wheaton College
	NMCC		

Maine State Law

GRADUATION REQUIREMENTS

Before entering high school, students need to know the standards for attaining a high school diploma in order to plan an appropriate, sequential, educational program to meet that goal.

RSU5 is implementing a proficiency based system of learning as required by Maine law. After July 1, 2020, contingent upon Department of Education approval of Regional School Unit 5's schedule for implementation, the awarding of a diploma will be contingent on the demonstration of proficiency in all of the content areas and Guiding Principles of Maine's System of Learning Results rather than the accumulation of credits.

To be awarded a high school diploma from Freeport High School, students graduating in the Class of 2021 and beyond must demonstrate proficiency in the content areas identified in Maine's system of Learning Results, meet the cross-content performance standards set forth in the Guiding Principles of the Learning Results, and fulfill all additional graduation requirements set by the Board.

Students graduating in the Classes of 2016-2020 must meet the credit and other graduation requirements specified in this policy.

A student who would have graduated with the Class of 2020 and have been awarded a diploma at commencement but for his/her failure to earn sufficient credits or meet other requirements set by

Board policy will have until December 31, 2020 to fulfill the graduation requirements applicable to the Class of 2020. After December 31, 2020, those students who have not met requirements will be held accountable to the graduation requirements of the Class of 2021.

The Superintendent, through the high school principal or other designee, shall be responsible for making accurate information concerning diploma requirements available to incoming students and their parents prior to the start of their ninth grade school year. A copy of this policy will be disseminated to all incoming ninth grade students at the time of course selection. This policy will also be included in every edition of the high school student handbook and Program of Studies.

The School Board has approved the following schedule of minimum requirements for graduation, which includes minimum requirements specified by the State of Maine. The Board is aware that current law and regulations are subject to change.

The School Board expects the Superintendent/designee to inform students and parents as soon as practicable of any additional State-imposed standards that must be met before students may be awarded a high school diploma.

I. DIPLOMA REQUIREMENTS FOR STUDENTS GRADUATING IN THE CLASS OF 2018

As a minimum for graduation from high school, students graduating in the Class of 2018 must have completed successfully a total of 22 one-year course equivalents (credits) at the secondary level (grades 9 through 12).

Twelve and one-half (12 1/2) required credits are specified by the State of Maine. They are:

- A. English - 4 credits;
- B. Social Studies and History, including one year of American History and Government - 2 credits;
- C. Mathematics - 2 credits;
- D. Science, including at least one year of laboratory study - 2 credits;
- E. Fine Arts, which may include art, music, forensics or drama - 1 credit;
- F. Health - 1/2 credit; and
- G. Physical Education - 1 credit.

In addition, the Board requires the following nine and one-half (9 1/2 credits):

- A. One year of a world language – 1 credit;
- B. A third year of math - 1 credit;
- C. A third year of social studies – 1 credit;
- D. Two additional years of science – 2 credits;
- E. 1/2 of the P.E. credit must be Foundations of Fitness
- F. Four and a half elective credits.

Elective credits may be selected by the student based upon the student's interests, abilities, and the requirements of the field that the student plans to enter upon graduation.

In order for a student to participate in graduation, the student must have successfully completed all of the above-listed requirements.

Alternative Means of Earning Credits

A student who is deficient in these requirements or wishes to meet these requirements through alternative means may earn and apply credits toward graduation in accordance with the provisions of this section.

A student who wishes to meet a credit requirement through an alternative method must have prior written approval as specified through this section. A student may earn credits with prior written approval from his/her guidance counselor and the high school principal as follows:

- A. Coursework offered through RSU5 Adult Education;
- B. Credit obtained through summer school classes;
- C. Credit obtained through distance learning / virtual courses;
- D. Advanced courses not offered at Freeport High School at a postsecondary institution;
- E. Credits obtained through independent study monitored by a Freeport High School teacher; or
- F. Any other academic program approved by the High School Guidance and Administration.

A student who has failed a course in the above-listed requirements may, with prior approval, receive credit for that course through a successful completion of a postgraduate course, a state approved.

Adult Education course(s) or a state-approved summer school program. Credit for a marked course may also be received for a correspondence course approved by the High School Principal in advance of

registration. The student may participate in the next regular graduation ceremony following successful completion of the requirements.

A student who is granted early admission to an accredited college or university may use college coursework for graduation and may thereby graduate with his/her class upon successful completion of the course(s) needed for graduation if he/she requests and is granted permission from the high school principal to do so. A course being used to meet high school graduation requirements must meet minimum high school contact hour requirements and the high school's course outcome requirements.

Veterans of World War II, the Korean Conflict and Vietnam War Era

The School Board recognizes that Maine law provides that a secondary school may award a high school diploma, provided that certain requirements are met, to a person who left secondary school prior to graduation to serve in the Armed Forces during World War II or in the Korean Conflict, or to serve in the Armed Forces during the Vietnam era (February 28, 1961-May 7, 1975). The Board authorizes the Superintendent to develop and implement procedures regarding applications for diplomas, including timelines, and for determining whether veterans have met the criteria established by law. The Superintendent may also determine the time and manner in which a veteran's diploma may be presented.

II. DIPLOMA REQUIREMENTS FOR STUDENTS GRADUATING IN THE CLASS OF 2019 AND 2020

As a minimum for graduation from high school, students graduating in the Class of 2019 and Class of 2020 must have completed successfully a total of 24 one-year course equivalents (credits) at the secondary level (grades 9 through 12).

Twelve and one-half (12 1/2) required credits are specified by the State of Maine. They are:

- A. English - 4 credits;
- B. Social Studies and History, including one year of American History and Government - 2 credits;
- C. Mathematics - 2 credits;
- D. Science, including at least one year of laboratory science
- E. Fine Arts, which may include art, music, forensics or drama - 1 credit;
- F. Health - 1/2 credit; and
- G. Physical Education - 1 credit.

In addition, the Board requires the following eleven and one-half (11 1/2) credits:

- A. One year of a world language – 1 credit;
- B. Two additional years of math – 2 credits;
- C. An additional one year of social studies – 1 credit;
- D. Two additional years of science – 2 credits;
- E. Level 1 & Level 2 PE Class
- F. Five and one half elective credits – 5.5 credits

Elective credits may be selected by the student based upon the student's' interests, abilities, and the requirements of the field that the student plans to enter upon graduation.

In order for a student to participate in graduation, the student must have successfully completed all of the above-listed requirements.

Alternative Means of Earning Credits

A student who is deficient in these requirements or wishes to meet these requirements through alternative means may earn and apply credits toward graduation in accordance with the provisions of this section.

A student who wishes to meet a credit requirement through an alternative method must have prior written approval as specified through this section. A student may earn credits with prior written approval from his/her guidance counselor and the high school principal as follows:

- A. Coursework offered through RSU5 Adult Education;
- B. Credit obtained through summer school classes;
- C. Credit obtained through distance learning / virtual courses;
- D. Advanced courses not offered at Freeport High School at a postsecondary institution;
- E. Credits obtained through independent study monitored by a Freeport High School teacher; or
- F. Any other academic program approved by the High School Guidance and Administration.

A student who has failed a course in the above-listed requirements may, with prior approval, receive credit for that course through a successful completion of a postgraduate course, a state approved Adult Education course(s) or a state-approved summer school program. Credit for a marked course may also be received for a correspondence course approved by the High School Principal in advance of registration. The student may participate in the next regular graduation ceremony following successful completion of the requirements.

A student who is granted early admission to an accredited college or university may use college coursework for graduation and may thereby graduate with his/her class upon successful completion of the course(s) needed for graduation if he/she requests and is granted permission from the high school principal to do so. A course being used to meet high school graduation requirements must meet minimum high school contact hour requirements and the high school's course outcome requirements.

III. DIPLOMA REQUIREMENTS FOR STUDENTS GRADUATING IN THE CLASS OF 2021 AND BEYOND

Contingent upon Department of Education approval of RSU5's schedule for implementation of proficiency-based diploma requirements after July 1, 2020, the awarding of a diploma from Freeport High School will be contingent on the demonstration of proficiency in all eight of the content areas of Maine's system of Learning Results and meeting the cross-content performance standards of the Guiding Principles of the Learning Results, rather than the accumulation of credits. The student must also fulfill any other requirements specified in this policy and set forth by the school as noted in the Program of Studies.

Freeport High School's educational program will be designed to enable students to satisfy graduation requirements in four years through a sequence of educational (learning) experiences/courses providing opportunities to gain and demonstrate proficiency in all of the content areas of the Learning Results and in the cross-content Guiding Principles of the Learning Results.

Students who anticipate graduating in the Classes of 2021 and beyond must meet the following requirements in order to be awarded a high school diploma:

- A. Demonstrate proficiency in meeting standards in the following content areas of the Learning Results. Meeting the standards entails demonstrating proficiency for each graduation standard within each content area as listed in the Program of Studies.

- English Language Arts
- Mathematics
- Science and technology
- Social Studies
- Health Education and Physical Education
- Visual and Performing Arts
- World Languages
- Career and Education Development (embedded in other content areas or through advisory)

- B. Meet the cross-content performance standards set forth in the Guiding Principles of the Learning Results.

- A student graduating from RSU5 schools is expected to be a:
- Clear and effective communicator;
- Self-directed and lifelong learner;
- Creative and analytical problem solver;
- Responsible and involved citizen; and an
- Integrative and informed thinker

MULTIPLE PATHWAYS TO THE AWARDING OF A PROFICIENCY-BASED DIPLOMA

RSU5's high school educational program is designed to enable students to satisfy graduation requirements in four years through a sequence of courses, learning experiences or integrated equivalents providing opportunities to gain and demonstrate proficiency in all of the content areas of the Learning Results and in the cross-content Guiding Principles of the Learning Results.

Students following a traditional pathway will participate in a series of courses through which they will demonstrate proficiency in each of the following areas:

- A. Engage in courses in the content areas of English Language Arts, Mathematics, and Science and Technology in each year of their high school program.
- B. Engage in at least three and a half courses in the content area of Social Studies during their high school program.
- C. Engage in at least one course in the content area of Visual and Performing Arts during their high school program.
- D. Engage in at least one course in the content area of World Languages during their high school program.
- E. Engage in at least one Health and one full year Physical Education course during their high school program.
- F. Engage in courses that integrate the Guiding Principles into other content areas of the Maine Learning Results.
- G. Engage in learning experiences that address the Career and Education Development standards.
- H. Engage in learning opportunities to fulfill graduation experiences.

Students following a traditional pathway must be enrolled in the equivalent of at least 6 full year courses in each of their high school years unless redefined through a personal learning plan, PLP, approved by both the high school guidance department and administration.

Students may also opt to pursue a high school diploma through multiple additional pathways, including:

- Early college/dual enrollment courses
- Career and technical education programming
- Online/virtual learning
- Apprenticeships, internships and/or field work
- Community service
- Exchange programs
- Independent study
- Alternative education/“At Risk” programming
- Adult education

Each pathway must provide a quality learning experience comparable in rigor to the school unit’s own course offerings.

In order to pursue one or more of the multiple/alternative pathways, a student must have a Personal Learning Plan detailing how the pathway will provide exposure to the content standards and Guiding Principles of the Learning Results and how the student will demonstrate proficiency in meeting the Guiding Principles as well as the content area standards. The Personal Learning Plan must be approved by the guidance counselor and/or other qualified faculty member/s, and the principal.

STUDENTS RECEIVING SPECIAL EDUCATION SERVICES

A student with a disability, as identified in 20-A MRSA §7001(1-B), who achieves proficiency as required in 20-A MRSA §4722-A(1), as specified by the goals and objectives of the student’s individualized education plan (IEP) will be awarded a diploma.

INFORMING STUDENTS AND PARENTS

The Superintendent/designee will inform students and parents as soon as practicable of any State-imposed proficiency standards/requirements that must be met before students may be awarded a high school diploma, but prior to the start of the class cohort’s 9th grade school year.

IV. ADDITIONAL CONSIDERATIONS APPLICABLE TO THE AWARDING OF A DIPLOMA FROM FREEPORT HIGH SCHOOL

This section applies to all students, in all graduation classes.

A. Transfer Students

For students who transfer to Freeport High School from another state or from an educational program that is not required to be aligned with the content standards and Guiding Principles of the system of Learning Results, the Freeport High School Principal and Guidance Department shall determine the value of the student's prior educational experience towards meeting graduation requirements.

B. Home-schooled Students

For previously home-schooled students wishing to receive a diploma from Freeport High School, the Freeport High School Principal and Guidance Department shall determine the value of the student's prior educational experience toward meeting graduation requirements.

C. Delayed Awarding of Diplomas

A student who leaves Freeport High School to attend an accredited, degree-granting institution of higher education may upon satisfactory completion of the freshman year be awarded a high school diploma, provided that the student has notified the principal at the time of the early admission.

D. Early Awarding of Diplomas

A student who has met the State's and the School Board's diploma requirements in fewer than four years of high school will be awarded a diploma.

E. Extended Study

Students are eligible for extended years of study to complete the requirements of a diploma if they have not reached the age of 20 at the start of the school year. Students eligible for extended years of study may be referred to adult education or other resources suitable to young learners. Extended study for students with disabilities shall be specified in the student's Individualized Education Plan.

F. Certificate of Completion

The School Board may provide a certificate of completion to a student who leaves school having completed four years attendance as a full-time high school student who has earned/completed the required credits or courses/learning experiences but has not met Learning Results proficiency standards that may be mandated by the State.

G. Participation in Graduation Ceremony

A student must complete all School Board requirements for a high school diploma or certificate of completion in order to participate in graduation exercises.

H. Honors and Awards at Graduation

Student academic achievements will be grouped within numerical bands and utilized to identify, report and reward individual accomplishments for purposes of graduation. These bands will include three Honor Bands which will identify those graduating seniors who at the end of the 7th semester have a Grade Point Average of:

Summa Cum Laude (with highest honors): a minimum GPA of 3.75 Magna Cum Laude (with great honors): a minimum GPA of 3.50 Cum Laude (with honors): a minimum GPA of 3.25

Legal Reference: 20-A MRSA § 4502(8), 4722, 6209 Ch. 127 § 7 (Me. Dept. of Ed. Rule)

Adopted: February 24, 2010

Revised: December 14, 2011; June 11, 2014; January 13, 2016

Guiding Principles

21st Century Learning Expectations & Skills

Beginning with the Class of 2021, all FHS students must demonstrate proficiency in the 21st century learning expectations defined by the Guiding Principles of the Maine Learning Results. The Guiding Principles are a set of “cross curricular skills” that must be taught and demonstrated by all students to best ensure that *ALL* students are career and college ready. We fundamentally believe that these principles should be the foundation of our educational program and, therefore, these principles will be introduced and incorporated in various learning experiences.

The knowledge and skills described in the Maine Department of Education Regulation 132 support Maine students in achieving the goals established in Maine’s Guiding Principles. The Guiding Principles state that each Maine student must leave school as:

A. A clear and effective communicator who:

- Demonstrates organized and purposeful communication in English and at least one other language
- Uses evidence and logic appropriately in communication
- Adjusts communication based on the audience
- Uses a variety of modes of expression (spoken, written and visual and performing including the use of technology to create and share the expressions)

B. A self-directed and lifelong learner who:

- Recognizes the need for information and locates and evaluates resources
- Applies knowledge to set goals and make informed decisions
- Applies knowledge in new contexts
- Demonstrates initiative and independence
- Demonstrates flexibility including the ability to learn, unlearn and relearn
- Demonstrates reliability and concern for quality
- Uses interpersonal skills to learn and work with individuals from diverse backgrounds

C. A creative and practical problem solver who:

- Observes and evaluates situations to define problems
- Frames questions, makes predictions and designs data/information collection and analysis strategies
- Identifies patterns, trends and relationships that apply to solutions
- Generates a variety of solutions, builds a case for a best response and critically evaluates the effectiveness of the response
- Sees opportunities, finds resources and seeks results
- Uses information and technology to solve problems
- Perseveres in challenging situations

D. A responsible and involved citizen who:

- Participates positively in the community and designs creative solutions to meet human needs and wants
- Accepts responsibility for personal decisions and actions
- Demonstrates ethical behavior and the moral courage to sustain it
- Understands and respects diversity
- Displays global awareness and economic and civic literacy
- Demonstrates awareness of personal and community health and wellness

E. An integrative and informed thinker who:

- Gains and applies knowledge across disciplines and learning contexts and to real-life situations with and without technology
- Evaluates and synthesizes information from multiple sources
- Applies ideas across disciplines
- Applies systems thinking to understand the interaction and influence of related parts on each other and on outcomes

Guidance Department

Office of Student Services

The purpose of the Student Services Program is to actively promote the academic, emotional, and social development of all students in ninth through twelfth grades. As an integral part of the total educational program, developmental student services builds on the resources of an excellent faculty, positive parent-school relationships, and a supportive community. The Office of Student Services provides direction for positive academic, extracurricular, and vocational outcomes for all students.

A developmental and preventive approach that enhances personal well-being and self-esteem has been designed with the understanding that it is both a process and a program. Learning experiences are provided which foster lifelong skills and attitudes necessary for high achievement, personal self-worth, and respect for the earth and its inhabitants.

Student Service Goals

- To provide students with services responsive to their academic, social, and emotional needs
- To enable students to learn about themselves and their relationships with others
- To coordinate with the overall school program
- To develop career awareness, academic options, and life-planning skills
- To form relationships with community agencies
- To promote early intervention and continued services for identified at-risk students
- To prepare students to apply to college, technical/vocational school, or other program

Possible Pathways

If post-secondary education is desired, admission recommendations should be strongly considered when planning the high school program. Since these recommendations vary greatly among post-secondary schools, the best source of information is the individual college or university website. Students should view the websites of a broad range of colleges they are considering to make sure that they are covering the requirements. Additional reference books are available in the Guidance Office and local bookstores.

Serious consideration is given by college admission representatives and by employers to character, personality, work experience, and extracurricular activities. Most colleges prefer that students pursue more challenging courses during their senior year.

FOUR-YEAR SCHOOLS 4 years of English 3 years of Mathematics 2-3 years of Laboratory Science 2-3 years of Social Studies 2 years of World Language	HIGHLY SELECTIVE SCHOOLS 4 years of English 4 years of Mathematics 3-4 years of Laboratory Science 3-4 years of Social Studies 3-4 years of World Language *Honors and Advanced Placement Courses are strongly encouraged for most schools
TWO-YEAR PUBLIC AND PRIVATE SCHOOLS Associate degree program recommendations vary widely, from needing a high school diploma to satisfying recommendations similar to four-year schools. Transfer programs usually require the same subjects as four-year schools.	
VOCATIONAL SCHOOLS 4 years of English 2-4 years of Mathematics 1-2 years of Laboratory Science	TECHNICAL SCHOOLS Recommendations differ widely. Some may include a high school diploma and physics plus four years of mathematics.

Academic Support

Interventions

FHS has instituted interventions designed to ensure all students can meet increasingly rigorous academic standards and feel supported emotionally. Some interventions are designed to increase the basic skills necessary to succeed in a range of courses, while others are set up to create additional time and instruction so that lessons are reinforced and extra practice moves all students toward meeting all standards.

Math and Literacy Centers

The Literacy and Math Center works with students at all levels of ability. Students are assisted individually in various writing and math tasks. Teachers assigned to the Literacy Center work with students on assignments from all disciplines and keep copies of running assignments to maintain clarity in directives to students. Similarly, teachers assigned to the Math Center work with students on problem sets assigned by the students' classroom teachers as well as remediate skills and help students prepare for upcoming assessments. Students can schedule appointments in the Literacy and Math Centers and are also able to come in on an impromptu, drop-in basis if time is available. Students may also be assigned by a classroom teacher or school counselor when it has been deemed that the student requires extra support.

Callback System

The Freeport High School Callback System takes place during our advisory period on one, two or three days of the week (depending on other scheduled events during advisory). The purpose of this program is to ensure that all students have time built into their schedules to receive targeted support in all content areas as well as enrichment opportunities. We have developed a system where each teacher is able to "call back" students that they need to see during this period. A teacher may call back a student for a number of reasons, such as:

- Additional and targeted academic instruction
- Review of work with student
- Opportunity for making up missing/absent work
- Work on/complete an assignment

Teachers select students online at the start of the week and students receive an email from the teacher that states the day they are to meet with the teacher and the reason the student has been called back. Attending a callback session is not optional; students are required to meet with this teacher. In addition to working with a particular teacher, we offer enrichment opportunities for students. These may include participating in a Student Summit to discuss a school policy, working with guidance counselors to build skills in using the Naviance program, or attending a presentation about a particular program such as City Term or the Peace Corps. Students who are not called back on a particular day remain in their advisory with their advisor and have an opportunity to work on school assignments.

We believe that the call back system supports and encourages our students to reach their academic and personal goals, provides time for targeted support and intervention, and gives students the opportunity to work closely with staff members to enhance their levels of success.

Guided Study Halls

Purpose: To create a more focused, supportive and personal environment for students during the study hall period.

Placement/Enrollment:

- Students are placed in guided study halls if they have/had an overall grade of 76% or lower in any class or multiple classes.
- Any student (or parent of a student) in a general study hall can request to be placed in a guided study hall if there is space and the student is looking for a more structured study hall environment.
- Students are placed in the guided study hall for a minimum of one quarter.
- Students are placed in a guided study hall for either a half period or a full period, depending on their schedules
- When a student has a grade of 80% or higher in every one of their classes, the student has the option of remaining in guided study hall or petitioning to guidance to switch out
 - To petition to get switched out of a guided study hall, a student must:
 - Make an appointment with his/her guidance counselor
 - Share a plan with the guidance counselor for how he/she will keep grades up
 - Agree to potentially moving back into guided study hall if grades slip

Response to Intervention (RTI)

Utilizing a variety of strategies and approaches, FHS strives to meet the needs of all learners, irrespective of their abilities or disabilities. It is essential that FHS has an approach that employs a system of supports that provides each student an opportunity for both behavioral and academic success. A well coordinated discipline process that is more restorative versus punitive is one strategy to encourage personal accountability and develop a positive mindset toward school. The development of personalized academic plans for struggling students is pivotal. These services vary in complexity based on need.

Gifted and Talented Services

Identified Gifted and Talented students at the High School level are on a consultation basis. Students will meet with the GT teacher a minimum of twice a year to determine level of services needed to ensure for academic success. Students may opt to meet with the GT teacher to discuss college exploration, other outside opportunities, ways to advocate for their education, etc. The GT teacher is available for appointments via email. The GT teacher also consults with classroom teachers to help assist in differentiating for the GT learner's needs.

Additional Support Services

Advisor/Advisee Program

Although FHS is a small school, it has a diverse student body with a great variety of needs: intellectual, emotional, and social. The school offers a strong curriculum and many co-curricular activities. To complement these aspects of school life and to ensure all students' growth and learning, the faculty and administration want to provide a strong support network for each individual student to help develop interpersonal skills. Each student will benefit from having a contact person, an advisor, who is responsible for helping him or her manage the multiple demands on time and energy. In addition, this advisor will provide a first connection for parents with regard to academic and social issues.

The FHS Advisor/Advisee Program provides communication and support among students, staff and parents through individual and group meetings. In addition, the advisor/advisee program provides a concrete link between the school and home. All advisors in the program are committed to helping students:

- Understand themselves and others better
- Identify their interests and abilities
- Participate effectively in academic and co-curricular offerings
- Develop skills for lifelong learning
- Accept responsibility for their academic and personal growth in order to have a positive influence on the school and community.

In addition to working to increase aspirations and build strong relationships with students, advisory will be used for academic support and enrichment with their core teachers. Students will use this time for homework, for remediation, or for extra help.

School Nurse/Health Services

The primary goal of the student health service is to promote optimal health in order to maximize each student's ability to learn. Services include consultation and education regarding adolescent health concerns, health appraisal and referral, disease and injury prevention and first aid. The health office is responsible for maintaining individual student health records and often serves as a liaison between school personnel, families and community resources. The school nurse welcomes students to drop in at any time with questions or concerns. We ask that you notify us of any changes in your health status or emergency contacts in order for us to provide you with appropriate service.

Social Service Worker

Social work services are provided at Freeport High School by a Licensed Clinical Social Worker, who provides confidential counseling, referral, advocacy and facilitated family mediation and support. The Social Worker serves as a liaison between teachers, students, and family or community providers. Families or students in need of mental health support can access the social worker by appointment. The School Social Worker is also involved in several initiatives to include Casco Bay Can, Natural Helpers, Psycho-education related to substance use, and crisis support.

Special Education

Special Education programming is offered in all areas leading to graduation with a Freeport High School diploma. Educational programs are specifically designed for students with appropriate support as determined by the Individual Education Plan (I.E.P.) process.

Crisis Team

It is unfortunate, but always possible, that a crisis will occur that impacts the high school community. Recognizing this, a team of school and community members has been formed and trained to respond to such emergencies. The goal of the team is to facilitate a smooth and caring response in the event of a crisis, realizing the importance of maintaining a normal school atmosphere while providing help for those students and adults who need support. A crisis response plan includes management guidelines and specific intervention strategies for responding to personal, school, or community emergencies that impact the emotional and physical well-being of our students, staff, and community.

Graduation Requirements

This section explains the graduation requirements for the Class of 2018 and then the new requirements for the Class of 2019, 2020, and 2021.

Minimum Enrollment for All Students

Each Freeport High School student is required to enroll in an academic program which totals a minimum of 6 credits each year.

High School Graduation Requirements for Freeport High School 2018

Graduation Requirements: 22 required credits to earn diploma

1. **English** (4 Credits)
2. **Math** (3 credits)
3. **Science and Technology** (4 credits)
4. **Social Studies** (3 credits, including 1 in United States History)
5. **Visual and Performing Arts** (1 credit)
6. **World Language** (1 credit)
7. **Physical Education** (1 credit) and **Health** (.5 credit)
8. **Electives** (4.5 credits)

High School Graduation Requirements for Freeport High School 2019, 2020, and 2021

Beginning with the class of 2019 and 2020, graduation requirements will increase. Students will be required to acquire additional credits in math and social studies and through electives.

Graduation Requirements: 24 required credits to earn diploma

It is recommended that each student enrolls in 7 classes per year but may enroll in a minimum of 6 classes each year.

1. **English Language Arts** (4 credits)
2. **Math** (4 credits)
3. **Science and Technology** (4 credits)
4. **Social Studies** (3 credits)
5. **Physical Education** (1 credit) and **Health** (.5 credit)
6. **Visual and Performing Arts** (1 credit)
7. **World Languages** (1 credit)
8. **Electives** (5.5 credits)

For the Classes of 2019, 2020 and 2021, the total credits for graduation are 24. To achieve 24 credits, students will earn credit through a passing grade in the 19 core requirements and an additional 5 elective classes.

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Grading System

Grade	Grade Point Value	4.0 Conversion
A	93-100	3.53 - 4.0
B	85-92	3.0 - 3.47
C	77-84	2.0 - 2.88
D	70-76	1.0 - 1.86
F	0-69	0.0
H	Honors	n/a
HP	High Pass	n/a
M	Merit	n/a
P	Pass	n/a
NC	No Credit	n/a
W	Withdraw	n/a

Honor Roll

The Freeport High School Honor Roll is published four times a year to recognize the accomplishments of students who meet high academic standards.

1. Only marking period grades count toward Honor Roll, not semester or final grades.
2. Students qualify in one of two categories:
 - a. High Honors: All grades are 93 or better.
 - b. Honors: All grades are 85 or higher.
3. *You must be enrolled in a minimum of six courses for each ranking period or 480 minutes per quarter to qualify for the Honor Roll. No more than one class may be on a P/F grading system.*
4. You are not eligible for the Honor Roll if you receive an incomplete in any course.
Once the incomplete is made up, you may receive Honor Roll privileges.

Freeport High School will not use an accumulated grade point average or any other method to determine a rank in class. Student academic achievements will be grouped within numerical bands and utilized to identify, report and reward individual accomplishments for purposes of graduation. These bands will include three Honor Bands, which will identify those graduating seniors who, at the end of the 7th semester, have a grade point average of 84.5 to 88.4 *cum laude*, 88.5 to 92.5 *magna cum laude*, and 92.5 to 100 *summa cum laude*.

Registration Process

The Freeport High School Program of Studies serves as a guide to all the courses that are available and states the requirements for taking each course. Students may use this guide to plan an appropriate academic program.

Course Registration Requirements and Information

All students must be scheduled into a minimum of six classes each semester, earning six credits per year, that will include classes required for graduation as well as elective courses. Study halls do not earn credit.

Students registering for classes must meet the requirements specified in the subject description outlined in the Program of Studies or receive permission from the department chairperson in consultation with the teacher.

Pre-registration Procedure for Next Year's Courses

The development of a student's educational program is accomplished through close teamwork with parents, teachers, and counselors. Course requests help the high school to meet the educational needs of the entire student body by determining which classes are offered and how many sections are needed. It is important to take the pre-registration process **very seriously**. Failure to do so may hinder students from getting the courses needed for graduation or for future career and educational goals.

We expect to have students register for courses they would like to take next year, in late February and March. Juniors will register first, then Sophomores, then Freshmen. Each grade level will have an assigned week that the powerschool portal opens to allow for course requests. Students will receive their Course Registration Form during their assigned week, and will meet with their current teachers for their recommendations. Teachers and Parents will need to sign off on the student's Course Registration Form requests. Students will be able to register online in powerschool, and are encouraged to meet with their guidance counselor during their registration week, for support with course selection.

Please note that as you request elective courses, you are asked to identify "alternative choices." FHS may not run some electives due to a low number of requests or due to budgetary constraints.

After the Master Schedule is developed, students will be given a copy of their schedule before leaving school for the summer. In instances where a course was requested but will not be offered, or a conflict exists, the counselor will assist the student in making an alternative selection before the student's schedule is finalized.

Planning for College or Technical School

If you intend to continue your education in college or vocational-technical school, you must plan your program accordingly. Most colleges and technical schools require at least Algebra 1 and Geometry (Algebra 2 and Advanced Math are needed for many programs). Many colleges require at least 2 years of the same Foreign Language. Two (preferably three) years of lab science are required for most colleges and vocational programs. Refer to the recommended sequence of courses for post-secondary education in the next section.

9th Grade Placement

The selection criteria for each subject is based on your child's 8th grade teacher's recommendation; Spring Grade 8 NWEA report that indicates your child's achievement level; and end-of-year grades in each 8th grade course. We believe this process gives the most accurate information and will result in a smooth and successful transition to high school.

Honors Course Placement Policy

Prerequisites are utilized in the recommendation process to insure that students have acquired sufficient mastery of material that will be needed in the next level course. Students who do not receive the grade necessary to meet the prerequisite may still be recommended for the next level course if the teacher, in consultation with the department chair, feels that, regardless of the grade, the student has the skills and commitment to be successful in the next course. As a general guideline, in order to receive an honors recommendation for the next level:

- A student presently in an honors level course should have a solid academic standing and demonstrate a high level of consistent effort and motivation.
- A student who is presently in a college prep level course must be highly motivated, have an A average or higher in their present college prep course, and receive a teacher recommendation.
- They must also have a willingness to complete additional work (if needed) to get caught up to the honors curriculum.

Enrollment in Honors or Advanced Placement (AP) courses will be limited to students who meet the specified department criteria. Their current subject teachers must recommend students for these courses. The expectations in these courses are high in terms of quality of work, time and participation. Some Honors or Advanced Placement courses may also require summer work. Taking the AP Exam is mandatory for any student taking an AP course. Students taking an AP course will be expected to pay the AP Exam registration fee. There is a registration fee per AP course, so students taking multiple exams will have multiple exams to register and pay for. If for some reason a student does not take the AP Exam, the AP designation will be removed from the course title.

Course Planning & Sequencing

We suggest that each family, working closely with their child and their child's guidance counselor, develop a tentative four year program that will meet the graduation requirements, challenge the student, and accommodate his/her interests. This program should be reviewed prior to preliminary course registration for the following year, in order to determine if it is still appropriate. Beginning with the 9th grade, progress toward graduation depends upon the accumulation of credits. Students' programs are reviewed to make certain that each student will have adequate credits to progress with his/her class. Meeting Requirements is the Responsibility of Each Student and His/Her Parent(s)/Guardian(s). Students should know their credit total to date and be certain that they have sufficient credits for graduation. A student may request to graduate early if he/she has met the graduation requirements.

Below is a guideline for the general sequencing of a four-year plan in most core academic areas. Your customized four-year plan may vary slightly from the examples below.

English - 4 minimum credits for graduation				
Grade	9th	10th	11th	12th
Option 1	English - 9	English - 10	American Studies: English OR AP Language OR AP Literature	2 Electives OR English-12

Mathematics - 3/4 minimum credits for graduation				
Grade	9th	10th	11th	12th
Option 1	Pre-Algebra	Algebra I, Part I	Algebra I, Part 2	Geometry OR Consumer Math
Option 2	Algebra 1, Part 1	Algebra 1, Part 2	Geometry	Algebra 2
Option 3	Algebra 1	Geometry	Algebra 2	Pre-Calculus
Option 4	Geometry	Algebra 2	Pre-Calculus	Calculus OR AP Calculus
Option 5	Algebra 2	Pre-Calculus	Calculus	Differential Equations and Linear Algebra OR College Classes

Science - 4 minimum credits for graduation				
Grade	9th	10th	11th	12th
Option 1	Science & Sustainability	Biology	Chemistry	Physics
Option 2	Science & Sustainability	Biology	Environmental Science	CSI I and II
Option 3	Honors Biology	Honors Chemistry	AP Physics	AP Biology OR AP Environmental Science

Social Studies - 3/3.5 minimum credits for graduation				
Grade	9th	10th	11th	12th
Option 1	Global Studies	Western Studies	US History	Elective for the Classes of 2019 and beyond - Economics
Option 2	Global Studies	Western Studies	AP US History	AP World History

Course Add/Drop Process

Request for Schedule Change/Course Changes & the ADD/DROP Period

Students will be issued schedules based on their selections as reflected on their course registration sheets. Every effort will be made to satisfy student requests, student needs, and parent and teacher recommendations. Students will be encouraged and given every opportunity to discuss their choices with teachers, advisors, parents, and school counselors before they leave for the summer.

There are two add/drop periods per school year; one at the beginning of the first semester, and one at the beginning of the second semester. Students will be required to obtain an add/drop form in the Guidance Office in order to request a course change. Students must then conference with the current course teacher, the new course teacher, and a parent/guardian, and receive signatures of approval from all parties. Then the Guidance Office will issue final approval and make the course change in powerschool.

The conclusion of the first two (2) weeks at the beginning of semester one and the conclusion of the first (1) week of semester two will mark the end of the add-drop period. After these dates, each schedule change request initiated by students or parents will require discussion among all parties and will be judged on its own merits with the best interest of the student in mind. In some cases, a student, teacher, parent and counselor conference may be required. If all parties make a concerted effort to choose appropriate classes at the recommended level, most schedule changes, which can be disruptive, will be avoided.

Appropriate Reasons for a Schedule Change:

- To strengthen the program by adding a subject or moving to a different program
- Failure of a preceding course in a sequence
- Successful completion of a course during summer school
- Recommendation from either the IEP Team or Administration
- Teacher recommendation
- Student request with approval of teacher, counselor, and parent

Inappropriate Reasons for a Schedule Change:

- To change from one teacher to another in the same subject
- To be with friends
- To free up either the afternoon or the morning

Course Catalog

English Department

English 9 (Focus) • Fulfills a Graduation Requirement	Year	1 credit	<i>Prerequisite: Teacher Recommendation</i>
<p>The Focus 9 program has been designed with the intention of effectively introducing and preparing students for high school level work. Students will improve basic literacy and academic skills, develop self-discipline, engage creativity and advance inherent strengths. The ultimate goal is to have students be able to take advantage of further academic opportunities and to stay on track for successful completion of a high school course of studies.</p>			
English 9 (CP) • Fulfills a Graduation Requirement	Year	1 credit	<i>Prerequisite:</i>
<p>The ninth grade English course provides an introduction to high school reading and writing, and requirements of the portfolio. The course focuses on composition, vocabulary, and study skills through the study of world literature. Frequent writing assignments include journals, discussion questions, short and long essays, as well as creative pieces, all in response to the reading. Students extend their understanding of the poetry, short stories, and dramatic texts by presenting projects which require interdisciplinary work with Global Studies.</p>			
English 9 (Honors) • Fulfills a Graduation Requirement	Year	1 credit	<i>Prerequisite: Determined from Spring Grade 8 NWEA, academic achievement, and teacher recommendation</i>
<p>Honors English 9 offers students enrichment and challenge in the study of English. Participants will demonstrate a commitment to go beyond the English 9 curriculum and reach a higher level of achievement in all work. Honors English 9 will cover the regular course assignments in more depth and breadth. Students will read additional literary works, write more extensively developed essays, engage in extended vocabulary study, and complete supplemental individual and/or group projects.</p>			
Literacy I	Year	1 credit	<i>Prerequisite: Grade 8 test data and academic achievement identifies a student as struggling with grade level literacy skills</i>
<p>Students take this course in addition to their regular English 9 course. Students will receive direct instruction in reading strategies and writing skills. Multiple opportunities to write and analyze texts will allow students to explore topics of interest while building literacy skills for success across the high school curriculum.</p>			
English 10 (CP) • Fulfills a Graduation Requirement	Year	1 credit	<i>Prerequisite: English 9</i>
<p>Tenth grade English provides an integrated balance of traditional and standards-based content, instruction, and assessment. Classes promote the practice and demonstration of skills and knowledge found in the Common Core English/Language Arts standards as well as additional instruction in general reading, writing, research, listening, and speaking skills. When appropriate, students have choices related to content and assessment while retaining full academic rigor. Units are designed based on essential questions that connect learning with larger societal issues: deviation from social norms, the relationship between knowledge and happiness, and the role of authority.</p>			

English 10 (Honors) <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	Prerequisite: Honors requires NWEA score, grade, and teacher recommendation
<p>This course focuses on developing the skills of literary and rhetorical analysis through close readings of literary fiction and informational texts. Students regularly produce pieces of persuasive, creative, and narrative writing, while also developing skills of oral expression through performance, debate and discussion. Works studied may include <i>One Flew Over the Cuckoo's Nest</i>, <i>Macbeth</i>, <i>Antigone</i>, contemporary short fiction and poetry.</p>			
English 11: American Studies <ul style="list-style-type: none"> • Fulfills a Graduation Requirement • Honors option available 	Year	1 credit	Prerequisite: English 10
<p>Eleventh graders take a double-period course that fulfills both their English and U.S. History requirements. American Studies is a humanities-oriented, chronological study of American literature, history, and culture. Through the interdisciplinary approach, students learn a method for examining and discussing issues in an analytical, yet holistic way; students study the issues and ideas of a given period through the lens of a larger picture of universal themes and concepts relevant to the essential question of what it is to be an American.</p>			
AP English Language & Composition <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	Prerequisite: English 10 or English 11
<p>The AP English Language and Composition course is designed to help students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and to become skilled writers who can compose arguments for a number of purposes. Through their reading and writing in this course, students become aware of the interactions among a writer's purposes, audience expectations, and subjects that contribute to effective composition. Writing assignments will include informal writing such as journal entries and creative pieces, but will focus more fully on students' critical and interpretive responses to, and composition of, rhetoric. The course reading list includes non-fiction (such as memoirs, speeches, essays, and editorials), and literature of various genres and time periods. Summer work is required for entry into the class in September. <i>Students taking this course are required to take the AP exam in the spring.</i></p>			
AP English Literature & Composition <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	Prerequisite: English 10 or English 11
<p>This course is devoted to in-depth analysis and interpretation of complex literary works. Students produce analytical writing of various sorts including close reading, poetry explications, character analyses, and blog entries. Personal narratives and creative responses are also a component of the written expression required in this class. Works studied may include <i>Beowulf</i>, <i>Hamlet</i>, <i>Beloved</i>, <i>Heart of Darkness</i>, <i>The Stranger</i>, <i>A Streetcar Named Desire</i>, <i>The Awakening</i>, and more. Summer work is required for entry into the class in September. <i>Students taking this course are required to take the AP exam in the spring.</i></p>			
English-12: Literacy <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Semester	.5 credit	Prerequisite: English 11 or an AP Class
<p>This semester long comprehensive English class combines traditional content with standards-based teaching practices. The class will place a special emphasis on the role of media (print, music, motion pictures, internet, etc.) as it connects to specific themes such as coolness, freedom of speech, survival in a harsh world, or sports journalism. Students will write narrative and analysis essays and will be exposed to a variety of texts including essays, articles, editorials, poetry, documentaries, political cartoons, photographs and paintings as well as novels.</p>			

English-12: Composition • Fulfills a Graduation Requirement	Semester	.5 credit	<i>Prerequisite: English 11 or an AP Class</i>
<p>In this semester long course, students will learn about and apply writing related to a wide variety of genres and purposes. Students will improve their argumentative writing in preparation for post-secondary education, but students will also have significant choice related to the genres and purposes of writing. Student choice could include, but would not be limited to, sports journalism, fashion writing, grant and business writing, arts criticism or reviews (movies, CDs, dance, painting, theater, etc), outdoor/adventure writing, and editorial writing. Students will also read and respond to a variety of texts such as editorials, reviews, novels, and essays to learn genre elements, consider style elements, and explore literary themes and trends in culture.</p>			
English-12: Creative Writing • Fulfills a Graduation Requirement	Semester	.5 credit	<i>Prerequisite: English 11 or an AP Class</i>
<p>This semester-long course is designed for students who wish to expand upon writing already done in the regular English classroom. Students will produce works of fiction and nonfiction. The process of writing will be a focus with students working through a series of drafts to produce polished, publishable pieces. Techniques in topic generation, revision, editing and responding to the works of others will be covered. As a community of writers, students will be expected to share work and contribute to <i>The Clarion</i>.</p>			
English-12: Public Speaking • Fulfills a Graduation Requirement	Semester	.5 credit	<i>Prerequisite: English 11 or an AP Class</i>
<p>This course provides instruction and practice in the preparation and delivery of speeches within a welcoming and lively classroom setting. Students will learn how to research, outline, and deliver short, informal presentations, as well as longer speeches. Students will also sharpen their skills in critical listening. Upon completion, students will be able to prepare and deliver well-organized speeches and demonstrate the speaking skills necessary to be effective communicators in academic settings, in the workplace, and in the community. Although some (many) might find the thought of public speaking terrifying, the rewards for acquiring these skills are enormous.</p>			
English 12: Skills I & II • Fulfills a Graduation Requirement	Semester	.5 credit	<i>Prerequisite: By teacher or guidance recommendation only</i>
<p>This semester long comprehensive English class focuses on skills needed for students to graduate and succeed beyond high school. Students are given a variety of supports to practice and hone their skills in reading, writing, speaking and listening. Units are based on essential questions that relate to current, relevant topics and students are allowed to choose many of the topics for reading and writing. Students will be exposed to a variety of texts including essays, articles, editorials, poetry, documentaries, political cartoons, photographs and paintings as well as novels. Some students will be given alternative ways to show their learning in this class.</p>			
Journalism 1 • Elective Credit	Semester	.5 credit	<i>Prerequisite:</i>
<p>This course will involve a study of many contemporary magazines and newspapers as well as production of pieces for our own literary/news magazine <i>The Falcon Outlet</i>. Students develop skill in all print journalism formats as well as desktop publishing and news web design skills.</p>			

Journalism 2 • Elective Credit	Semester	.5 credit	<i>Prerequisite:</i>
This course will explore the technological expansion of Journalism into the 21st century. Study will include such formats as broadcast journalism, web-casts, pod-casts, and web-blog journals, or blogs. Continuing with writing and research skills established first semester, Journalism 2 students will investigate the best of the web and create their own communication vehicles using today's technological tools and produce <i>The Falcon Outlet</i> .			
Desktop Publishing • Elective Credit	Year	1 credit	<i>Prerequisite:</i>
This course is designed to give motivated and deadline-oriented students an opportunity to work on the publication of the yearbook. They will be involved in every aspect of the page layout, editing, advertising, sales, and distribution of the school's yearbook. Students will take photos of and interview the student body, as well as attend photographic opportunities during and after school. This course allows students to work independently and in small groups. It gives students a chance to use their creative and organizational skills to produce a record of their school life that will be seen by their community. Students will develop a strong working knowledge of a web-based design and publishing program.			
Senior Seminar • Elective Credit	Semester	.5 credit	<i>Prerequisite: Open only to 12th Graders</i>
This semester-long elective course provides students with essential strategies necessary for surviving independently. Among the topics covered are how not to be a victim, career impacts on lifestyle, finding a place to live, understanding leases and contracts, managing money and becoming an active citizen. Guest speakers will be presenting on various topics including the School Resource Officer, bank representatives and others.			

Health & Physical Education Department

Physical Education Courses

EXCITE - Level 1 <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Semester	.5 credit	<i>Prerequisite: None</i>
<p>This course will incorporate a variety of health enhancing physical activities. The activities are non-sport oriented and non-competitive. Fitness workouts may include yoga, circuit training, weight training, cooperative and team building games and a variety of outdoor activities.</p>			
Outdoor Fitness - Level 1 <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Semester	.5 credit	<i>Prerequisite: None</i>
<p>This course will introduce students to the skills needed to ensure that outdoor adventures remain fun, challenging and safe. Outdoor activities include hiking, snowshoeing, camping, orienteering, and basic first aid. This course requires 2 full day field trips. The course will also stress environmental awareness.</p>			
Team and Life Sports - Level 1 <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Semester	.5 credit	<i>Prerequisite: None</i>
<p>This course provides supportive opportunities for a variety of physical activities that enhance the physical, mental, social, and emotional health of the student. The curriculum is broken into two portions: 1) the physical fitness components of cardiovascular endurance, muscular strength, muscular endurance, and flexibility 2) the activity component includes life-long recreational activities as well as competitive activities.</p> <p>Examples of offerings are: tennis, archery, Frisbee, badminton, basketball, volleyball, soccer, and pickle ball.</p>			
Foundations of Fitness - Level 2 <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Semester	.5 credit	<i>Prerequisite: Completion of a Level 1</i>
<p>Students gain knowledge of personal fitness concepts through class work and participation in a variety of fitness-based activities. Students develop and implement an individual fitness program including a cardiovascular, flexibility and weight training component. Principles of exercise, nutrition, and the areas of fitness will be explored. This course encourages each student to develop a fit and healthy lifestyle.</p>			
Weight Training - Level 2 <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Semester	.5 credit	<i>Prerequisite: Completion of a Level 1</i>
<p>This course is designed for individuals who are interested in improving their own level of fitness. Students will acquire the knowledge needed to design and implement a personal weight training program. Cardiovascular exercise, plyometrics and other fitness enhancing activities are incorporated. This course is recommended for students who are self-motivated and eager to improve their level of fitness. Students will self-assess throughout the semester and exercise programs will be adjusted for optimal success.</p>			

Women's Fitness and Self Defense - Level 2 • Fulfills a Graduation Requirement	Semester	.5 credit	<i>Prerequisite: Completion of a Level 1 and Grades 11-12</i>
<p>This course will include self-defense technique training important to the safety of all women. Students will actualize their own physical power and dependence on themselves for protection. This will be accompanied with the ability to recognize and reduce risk in everyday situations. This class will also include a component targeted to improve fitness in a challenging and supportive environment. Students will participate in a variety of fitness-based activities and gain knowledge of the impact on their health.</p>			
Physical Education Leadership • Elective	Semester	.5 credit	<i>Prerequisite: Teacher Approval</i>
<p>Through the physical education leadership program, students have the opportunity to develop leadership skills by direct assistance to the physical education staff. Student Leaders will be expected to become familiar with equipment, safety procedures, learn rules and officiate with each activity. Student Leaders will be able to assist with or conduct large group games and warm up activities to develop voice and leadership qualities essential to working with large groups of people.</p>			
Exercise Physiology • Elective	Semester	.5 credit	<i>Prerequisite: None</i>
<p>The main emphasis of this course will be the study of fitness and how the body makes physiological adjustments (heart rate, respiration, muscle) and performance improvements as the result of increasing exercise. In addition the class will consider the impact of food on exercise performance. Students will also be invited to explore how the body adapts to other lifestyle changes such as obesity, chronic disease and other body stressors. This class will require student participation in physical activity.</p>			
Adaptive Physical Education • Fulfills a Graduation Requirement	Semester	.5 credit	<i>Prerequisite: By teacher recommendation</i>
<p>This class will include a variety of physical activities including sports and games and non-competitive activities. The focus will be to have a positive and enjoyable experience being physically active. Students will also develop cooperative team building skills.</p>			

Health Courses

Health • Fulfills a Graduation Requirement	Semester	.5 credit	<i>Prerequisite: Grade 10 or above</i>
<p>Students are provided with current, accurate information on health topics. Students assess their lifestyles and develop strategies to help them cope with contemporary health issues. Topics include stress management, mental health, suicide intervention, sexuality, global health and chemical dependency.</p>			
Advanced Health • Elective	Semester	.5 credit	<i>Prerequisite: Health</i>
<p>The purpose of this course is to explore in greater depth current health issues surrounding nutrition, public and global health, epidemiology, and disease prevention. The course will also involve investigating health related career choices and health education.</p>			

Mathematics Department

Pre-Algebra <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Student placed based on 8th grade spring NWEA score and teacher recommendation</i>
<p>This course is designed to develop those skills and concepts necessary to the transition from basic math to Algebra. Pre-Algebra includes the study of whole numbers, decimals, fractions, percents, integers, variable expressions and equations. Followed by Algebra 1 Part 1 or Algebra 1.</p>			
Numeracy I	Year	1 credit	<i>Prerequisite: Student placed based on grade 8 test data, academic achievement and student needs</i>
<p>Students take this course in addition to their regular FHS mathematics course. Students will receive direct instruction and work through personalized computer-based skills plan to strengthen any areas of weakness.</p>			
Algebra 1 – Part 1 <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Student placed based on 8th grade spring NWEA score and teacher recommendation</i>
<p>This is the first part of a two - year Algebra 1 sequence. This two-year program shares the same curriculum as Algebra 1. This course should be followed by either Algebra 1 Part 2, or by Algebra 1.</p>			
Algebra 1 – Part 2 <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Algebra 1-Part 1</i>
<p>This is the second part of a two - year Algebra 1 sequence. This two-year program shares the same curriculum as Algebra 1. This course should be followed by a full-year Geometry course.</p>			
Algebra 1 (CP) <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Student placed based on 8th grade spring NWEA score and teacher recommendation</i>
<p>This course is the foundation for Freeport High School mathematics courses. It is the bridge from the concrete to the abstract study of mathematics. This course emphasizes algebraic language, structure, concepts and skills. Major topics include algebraic properties and the real number system, functions and their graphs, linear equations and inequalities, systems of linear equations and inequalities, polynomials and factoring, algebraic fractions and real world applications. This course should be followed by a full-year Geometry course.</p>			
Algebra I (Honors) <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Student placed based on 8th grade spring NWEA score and teacher recommendation</i>
<p>This rigorous course covers all Algebra 1 CP topics in greater depth and with more problem solving. Includes the study of quadratic functions and rational expressions and equations. This course should be followed by a full-year Geometry course.</p>			

Geometry (CP) <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Algebra 1</i>
<p>This is a course examining two- and three-dimensional geometric figures and their properties. Students explore concepts that develop logical thinking through deductive as well as inductive reasoning. Topics include the geometry of points, lines, planes, angles, polygons, circles, as well as coordinate geometry, properties of congruence, area, volume, and trigonometry. This course should be followed by an Algebra 2 course, or, if being taken concurrently with an Algebra 2 course, by Pre-Calculus and/or AP Stats.</p>			
Geometry (Honors) <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Student placed based on 8th grade spring NWEA score and teacher recommendation OR Algebra 1 Test score and teacher recommendation</i>
<p>This course covers the same topics as the Geometry course, with the addition of: formal logic and proof, an emphasis on developing problem solving and communication skills, and this course requires a strong Algebra 1 background. This course should be followed by an Algebra 2 course, or, if taken concurrently with an Algebra 2 course, by a Pre-Calculus course or AP Stats.</p>			
Algebra 2 (CP) <ul style="list-style-type: none"> • Fulfills a Graduation Requirement • May be taken concurrently with Geometry 	Year	1 credit	<i>Prerequisite: Algebra 1</i>
<p>This course reviews the properties and operations of the real number system and extends them to the complex system. Students learn concepts and skills to enable them to find relationships among sets of data and represent those relationships graphically and algebraically. They examine a variety of functions including linear, quadratic, and absolute value. Problem solving and critical thinking skills are emphasized. Should be followed by Pre-Calculus and/or AP Stats.</p>			
Algebra 2 (Honors) <ul style="list-style-type: none"> • Fulfills a Graduation Requirement • May be taken concurrently with Geometry 	Year	1 credit	<i>Prerequisite: Student placed based on 8th grade spring NWEA score and teacher recommendation OR Algebra 1 & Teacher Recommendation</i>
<p>This course stresses problem solving techniques, critical thinking skills, and an in-depth study of functions and their graphs, matrices and determinants, sequences and series including the Binomial Theorem. Exposure to advanced topics and applications is emphasized. Computer applications and scientific graphing calculators are used extensively. Should be followed by either Honors Precalculus and/or AP Statistics.</p>			
Pre-Calculus (CP) <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Algebra II</i>
<p>This course studies the functions introduced in Algebra 1 and Algebra 2 in greater depth and scope. It emphasizes real world applications, connections to college courses and majors, with particular emphasis on Trigonometry and Logarithmic & Exponential functions. There is an emphasis on a variety of note taking, problem-solving, and critical thinking strategies relevant to continuing on to higher education. It is an excellent preparation for higher-level mathematics. Should be followed by a Calculus course and/or AP Statistics.</p>			

Pre-Calculus (Honors) <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Algebra II and Teacher Recommendation</i>
<p>This course provides a strong background for further studies in Math and related areas. The function is the underlying and unifying concept of most of the topics in this course. The first semester offers a review of functions covered in Algebra 2, including polynomials, rational functions, exponential functions and logarithms. A study of analytic geometry is also covered. Second semester is devoted to the study of Trigonometry. Should be followed by a Calculus course and/or AP Statistics.</p>			
Calculus (CP) <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Pre-Calculus</i>
<p>This course offers students the option to take a rigorous course of calculus with a more flexible breadth and depth of coverage than the advanced placement curriculum. It will prepare students for taking calculus in college as well as any calculus-based science classes they may take in college. Topics covered include: Functions, Graphs and Limits, Derivatives, and Integrals.</p>			
Advanced Placement Calculus AB <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Pre-Calculus and Teacher Recommendation</i>
<p>This course follows the Advanced Placement Calculus AB curriculum put out by the College Board in conjunction with the advanced placement examination. It prepares students for all topics on the AP test including: functions, graphs and limits, derivatives, and integrals. All students will be required to take AP exams.</p>			
Advanced Placement Calculus BC <ul style="list-style-type: none"> Fulfills a Graduation Requirement May be taken concurrently with Geometry 	Year	1 credit	<i>Prerequisite: Pre-Calculus and Teacher Recommendation</i>
<p>This course follows the Advanced Placement Calculus BC curriculum put out by the College Board in conjunction with the advanced placement examination. The outline for Calculus BC includes all Calculus AB topics, with additional study of limits involving infinity, sequences and series and vectors. All students will be required to take AP exams.</p>			
Differential Equations <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Semester	.5 credit	<i>Prerequisite: Taken after completing Calculus BC</i>
<p>A first course in differential equations. Topics generally include separable, homogeneous, exact, and linear first order differential equations; variations of parameters, differential operators, systems of differential equations, and applications.</p>			
Linear Algebra <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Semester	.5 credit	<i>Prerequisite: Taken after completing Calculus BC</i>
<p>Linear algebra is a branch of mathematics that studies systems of linear equations and the properties of matrices. Topics in this course generally include the study of vectors in the plane and space, systems of linear equations, matrices, determinants, vectors, vector spaces, linear transformations, inner products, eigenvalues and eigenvectors.</p>			

Advanced Placement Statistics • Fulfills a Graduation Requirement	Year	1 credit	<i>Prerequisite: Algebra II</i>
This course follows the Advanced Placement Statistics curriculum put out by the College Board in conjunction with the advanced placement examination. It prepares students for all topics on the AP test including: exploratory analysis, planning a study, probability, and statistical Inferences. All students will be required to take the AP exam.			
Consumer Math • Fulfills a Graduation Requirement	Year	1 credit	<i>Prerequisite: Algebra I</i>
This course stresses the use of the essentials of mathematics necessary for day-to-day living. It covers topics such as figuring paychecks, borrowing (mortgages, installment loans, car loans), saving and investing money, buying insurance, filing income taxes, and other areas that the typical consumer deals with on a regular basis. Numbers Spreadsheets, are integrated into the course on a daily basis.			
Personal Finance • Elective Credit	Semester	.5 credit	<i>Prerequisite: Algebra I</i>
This course helps students understand the world of money management in the modern world. It will emphasize knowledge and skills necessary for successfully negotiating our American financial system: forms of pay; banking; investing; credit cards and other credit issues; budgets; federal, state, and city taxes; and home and apartment ownership and rental. There is a \$20 fee associated with this class. Scholarships available.			
Geometry in the Real World • Elective Credit	Semester	.5 credit	<i>Prerequisite: Algebra I</i>
This course is project-based emphasizing hands-on work. Class may include aeronautical applications (kites, hot-air balloons, and gliders), origami and other paper folding, balsa wood structure building to optimize a certain property (strength, size, movement). Math skills developed are measurement, estimation, fraction and decimal work, and geometry construction and spatial skills.			
Residential Architecture • Elective Credit	Semester	.5 credit	<i>Prerequisite:</i>
In this course, students will learn about the different architectural styles that can be found across the United States and be able to recognize their identifying characteristics. They will explore the concept of form and function and analyze the purposes of different design features. This course will also have students deal with the basics of architectural drafting while designing a residential home of their choice. Students will develop an understanding of what an efficient and workable house design is through this hands-on activity.			

Science and Technology Department

Science & Sustainability (CP) • Graduation Requirement	Year	1 credit	<i>Prerequisite: none</i>
<p>This course has a strong emphasis on hands-on investigations. Topics of study include physics, chemistry, biology and earth science. Each unit presents basic science content involving local and global issues related to sustainability</p> <ul style="list-style-type: none"> • How do humans impact the environment? • How can humans survive sustainability? • How can scientific information help guide in decision-making at the individual, community, and global levels? 			
Science & Sustainability (Honors) • Graduation Requirement	Year	1 credit	<i>Prerequisite: Algebra I or higher</i>
<p>This is a integrated high school science course with a strong emphasis on hands-on investigations. The course also has a strong engineering design component. Topics of study include physics, chemistry, biology and earth science. Each unit presents science content involving local and global issues related to sustainability. Must be in Algebra 1 or higher.</p> <ul style="list-style-type: none"> • How do humans impact the environment? • How can humans survive sustainability? • How can scientific information help guide in decision-making at the individual, community, and global levels? 			
Biology (CP) • Graduation Requirement	Year	1 credit	<i>Prerequisite: Science & Sustainability</i>
<p>This required course provides a foundation in biological concepts. Topics of study include cell structure and physiology, biochemistry, DNA structure, protein synthesis, cell division, genetics and evolution.</p> <ul style="list-style-type: none"> • How does energy flow through living systems? • How do organisms change over time? • How will a basic knowledge of chemistry help you understand biological processes? 			
Biology (Honors) • Graduation Requirement	Year	1 credit	<i>Prerequisite: Science & Sustainability and Teacher Recommendation</i>
<p>Honors Biology aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.</p> <p>This is a rigorous course that provides a strong foundation in fundamental biological concepts. The course uses a college level AP Biology text and moves at an accelerated pace with greater depth and coverage of material.</p> <p>Topics of study include cell structure and physiology, biochemistry, DNA structure, protein synthesis, cell division, genetics and evolution.</p> <p>This is the first course of a two year sequence that includes AP Biology. Students are not required to take both courses and may choose to end their biology studies with Honors Biology. Students who wish to sit for the College Board AP Biology exam must take AP Biology after completion of Honors Biology. <u>This course meets every day.</u></p>			

Biology (Honors) - Continued <ul style="list-style-type: none"> • How does energy flow through living systems? • How do organisms change over time? • How will a basic knowledge of chemistry help you understand biological processes? 			
Chemistry (CP) <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Science & Sustainability</i>
<p>This course is designed to build upon the concepts learned in Science and Sustainability and Biology or Honors Biology. The course emphasizes the conceptual study of chemistry. Topics include measurement skills, atomic theory, periodic laws, chemical equations and reactions, nuclear chemistry, and organic chemistry. Good calculator and laboratory skills are important.</p> <ul style="list-style-type: none"> • How do humans know that the universe is predictable, organized and explainable? • Why are mathematical models essential to the study of science? 			
Chemistry (Honors) <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Science & Sustainability</i>
<p>This advanced course is designed to build upon the concepts covered in Freshmen Science and Biology or Honors Biology. Students should be prepared for a demanding laboratory course at an accelerated pace. Topics include measurements in chemistry, atomic theory, periodic laws, chemical equations, reactions and stoichiometry, gas laws, acids and base theory, oxidation-reduction, nuclear chemistry and organic chemistry. Good calculator and math skills are essential.</p> <ul style="list-style-type: none"> • How do humans know that the universe is predictable, organized and explainable? • Why are mathematical models essential to the study of science? 			
Physics (CP) <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Biology, Science & Sustainability & Algebra I</i>
<p>This course covers Newtonian mechanics emphasizing the conceptual study of physical phenomena such as force, motion, momentum and energy and their application to everyday life. There is a strong emphasis on laboratory-based activities with an emphasis on mathematical relationships.</p> <ul style="list-style-type: none"> • What patterns exist in the physical world? • How can models be used to describe and predict physical phenomena? 			
AP Physics C: Mechanics <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Biology, Science & Sustainability & Calculus (which may be taken concurrently)</i>
<p>This course covers Newtonian mechanics in depth and provides instruction in each of the following content areas: kinematics, Newton's laws of motion, work, energy, power, systems of particles, linear momentum, circular motion, oscillations and gravitation, as dictated by the College Board.</p> <p>The course utilizes guided inquiry and student-centered learning to foster the development of critical thinking skills. Introductory differential and integral calculus is used throughout the course. Strong laboratory and experimental design skills are a must.</p> <p>This course includes topics typically taught in a first-semester calculus-based physics course taken by science and engineering students at most colleges and universities. Students taking this course should expect a rigorous, fast-paced course of study that will prepare them for the College Board's "AP Physics C: Mechanics" exam in the spring. <u>This course meets every day.</u></p>			

AP Environmental Science • Fulfills a Graduation Requirement	Year	1 credit	<i>Prerequisite: Science & Sustainability & Biology</i>
<p>AP Environmental Science is the equivalent of an introductory college course in environmental science. The goal of the course is to provide students with the conceptual foundation necessary to understand complex relationships in the natural world, to develop the skills required to identify and analyze environmental problems, and to examine alternate solutions for resolving and/or preventing them.</p> <p>Environmental science is an interdisciplinary study that draws from the biological, physical, chemical and earth sciences, as well as social sciences such as economics, politics and sociology. Critical thinking and problem solving application are emphasized. <u>This course meets every day.</u></p> <ul style="list-style-type: none"> • How do humans interact with and influence the Earth's ecosystems? • How do we know if data is relevant? • Why should we refine and critique scientific evidence? 			
AP Biology • Fulfills a Graduation Requirement	Year	1 credit	<i>Prerequisite: Science & Sustainability, Honors Biology; CP Biology with Teacher Permission</i>
<p>AP Biology is the second course in a two year sequence that includes Honors Biology.</p> <p>AP Biology includes those topics regularly covered in a college biology course for majors. The college course in biology differs significantly from the usual first high school course in biology with respect to the kind of textbook used, the range and depth of topics covered, the type of laboratory work done by students, and the time and effort required of students. The course is organized around the four "big ideas" of Biology that include evolution, cellular processes, genetics and information transfer, and the interactions of biological systems. <u>This course meets every day.</u></p>			
Anatomy & Physiology • Fulfills a Graduation Requirement	Year	1 credit	<i>Prerequisite: Science & Sustainability & Biology</i>
<p>The course is designed to build on the concepts learned in the Science and Sustainability and Biology or Honors Biology classes. This full year course covers all the main systems of the human body with units on stem cell research, guest speakers, and an investigation of smallpox eradication. This is a laboratory course with an extensive fetal pig dissection, lab practicum and extensive reading from a college-level text.</p> <ul style="list-style-type: none"> • How do lifestyle choices affect the proper functioning of human body systems? • How is anatomy related to physiology in terms of the body's ability to function in changing environments? 			
Current Topics in Science • Fulfills a Graduation Requirement	Year	1 credit	<i>Prerequisite: Teacher/Counselor Recommendation</i>
<p>This year-long course focuses on how scientists work and how they pursue understanding. Central to all our science courses is lab technique, the collection of data, interpretation of the data, handling of errors in the labs, and deciding upon what can be concluded from the data. Students will explore how science is part of their everyday life.</p> <ul style="list-style-type: none"> • How do we go about answering questions we have about our world? • How do the decisions we make as individuals affect our environment at local and global levels? • How can we use scientific information and skills to explain modern issues and challenges on a daily basis? 			

Environmental Science • Fulfills a Graduation Requirement	Year	1 credit	<i>Prerequisite: Science & Sustainability & Biology</i>
This course is designed to build on the concepts learned in Science and Sustainability and Biology or Honors Biology. Topics include ecology, population growth, climate change, water quality, renewable energy, and environmental ethics. There are numerous lab activities and field studies. <ul style="list-style-type: none"> • How do humans interact with and influence the Earth's ecosystems? • How do we know if data is relevant? Why should we refine and critique scientific evidence? 			
CSI 101: Introduction to Forensics Science, Parts I & II • Fulfills a Graduation Requirement	Semester	.5 credit	<i>Prerequisite: Science & Sustainability & Biology</i>
This two semester elective course has been divided into two separate parts with the expectation that part I is taken prior to taking part II. Students will be introduced to the basic principles and processes of crime scene analysis and forensic science. Building on many of the concepts learned in the first two years of the FHS science sequence, this course will apply skills and knowledge in real world situations to solve crimes. Topics under investigation may include crime scene analysis, evidence collection, fingerprints, hair and fiber analysis, blood and DNA evidence, forensic anthropology and the science of decay. Course work will include case studies of real crimes, individual projects, and team investigation of a crime scene.			
Outdoor Ecology • Fulfills a Graduation Requirement	Semester	.5 credit	<i>Prerequisite: Science & Sustainability & Biology</i>
This is an activity-based course for students who enjoy being outdoors and want to learn more about the natural history and science of Maine. Topics may include winter ecology, foraging, water ecology, animal behavior, wilderness survival skills, and winter tracking. Students will investigate issues relevant to Maine ecology and current environmental endeavors.			

STEM Courses

Introduction to Engineering & Design <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: none</i>
<p>The goal of this course is to familiarize students with a variety of hands-on projects, assignments and experiences that show the interconnectedness of science, technology, engineering and mathematics (STEM). Students will complete quarterly projects that incorporate both creativity, scientific principles and a formal design processes in order to meet specific criteria. Additionally, students will explore the various fields within the engineering profession and including postsecondary and career planning. Projects will be drawn from the fields of biochemical, civil, environmental, electrical and aerospace engineering. Lab Fee \$20.</p>			
Engineering & Design Lab <ul style="list-style-type: none"> Fulfills a Graduation Requirement May be taken more than once 	Semester	.5 credit	<i>Prerequisite: Introduction to Engineering & Design</i>
<p>This project-based class is designed to inspire students to embrace the “Maker” mentality and work independently or in small groups to complete projects following quarterly themes with the guidance and instruction of the teacher. Students work through the engineering design process to research, develop, construct and evaluate their projects. Emphasis is placed on digital design (CAD), digital fabrication (3-D printing and CNC), and manufacturing. Many of the projects will have an entrepreneurial or competition aspect. This class may be taken more than once for credit as projects and themes vary throughout the year. Examples of past projects are sign making, adirondack chairs, garden gnomes, robots, catapults, and audio systems. Lab Fee \$10.</p>			
Engineering & Design Capstone <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Semester	.5 credit	<i>Prerequisite: 2.0 STEM Credits & Project Proposal</i>
<p>This is a project-based class where students work independently or in teams and are responsible for large-scale design projects. Students work through the engineering design process to research, develop, construct and evaluate their projects. Students will be expected to participate in one or more state or national competitions such as VEX Robotics, Maine Windblade Challenge, or Science Olympiad. Past student projects have included a wind tunnel, high-temperature kiln, wind turbine blades, robots, and a quadcopter. Capstone projects may be tied to a Senior Project or community service project.</p> <p>NOTE: <i>Students must prepare and present at least one project proposal prior to being admitted to this class. Proposal forms are available from FHS STEM teachers. Lab Fee \$10.</i></p>			
Computer Programming <ul style="list-style-type: none"> Fulfills a Graduation Requirement May be taken more than once 	Semester	.5 credit	<i>Prerequisite: none</i>
<p>This course provides both beginners and experienced coders an opportunity to increase their knowledge and understanding of computer science topics such as programming, hardware architecture, graphics, game design, and logic systems at any level of complexity. The course provides a chance to learn a new computer language, write computer programs and apps, and investigate the inner workings of computers, tablets and mobile phones. Possible languages include industry standards such as JavaScript, C, XCode, Codea, Java, HTML, and Python. Programming may be done on any combination of laptop, desktop, or tablet computers or on dedicated microprocessor boards such as Arduino, Raspberry-Pi, or BeagleBone. No programming experience is required! This course may be taken more than once for credit.</p>			

Social Studies Department

Global Studies • Fulfills a Graduation Requirement	Year	1 credit	<i>Prerequisite:</i>
<p>This course provides students with global awareness that is the foundation for their future work in Social Studies. Students expand their geography skills, gaining a deeper understanding of physical and political geography while exploring the cultures and history of several major world areas. The course begins with an introduction to the concept of culture and an analysis of several specific culture groups. Students then review and reinforce their basic geography skills. The bulk of the course will be spent on in-depth studies of the Middle East, Africa, India, China and Latin America. Students use a variety of study and presentation methods. An understanding of current events will be a major focus. Ultimately, Global Studies is a course in which a student can gain a foundation in world issues and become active observers of, and potential participants in, the events of our evolving global environment.</p> <ul style="list-style-type: none"> • How does studying geography and history, as well as the concepts of unity and diversity, help us better understand the world today? • How do you explain historical and cultural events in a way that supports a thesis and provides the essential facts to understand a specific event? • Why is quality research necessary to the understanding of a subject and its broader implications? • What is the value and challenge of documenting and sharing experiences and understandings? 			
Western Studies • Fulfills a Graduation Requirement	Year	1 credit	<i>Prerequisite:</i>
<p>This course is a study of western civilization with an emphasis on history, culture, art, literature, and geography. Topics will follow a historical/thematic structure to move sequentially from Classical Greece to the twentieth century. One course objective is for students to gain the vocabulary, knowledge, concepts, and understanding for basic visual and cultural literacy. The connections between past and present and the historical implications of events are important aspects of class discussions and written assignments.</p> <ul style="list-style-type: none"> • How does developing an ability to read and comprehend historical texts enhance your understanding of history? • How does studying geography help you better understand the development of ancient and modern Europe? <p>Why is it important to understand concepts, themes and patterns chronologically in European history? How does this knowledge help you understand how European society has developed over time?</p>			
American History: American Studies • Fulfills a Graduation Requirement	Year	1 credit	<i>Prerequisite:</i>
<p>American Studies is a team-taught, humanities-oriented, thematic study of American literature, history, art, culture, and society that fulfills English and U.S. History requirements. Through an interdisciplinary approach, students immerse themselves in a time period, learning to examine and discuss issues in an analytical, yet holistic way, and to synthesize information from a variety of sources. Each historical period is studied through their lens of a larger picture of universal themes and concepts relevant to American ideals.</p>			

Economics/Finance • Elective	Semester	.5 credit	<i>Prerequisite: Open to 11th-12th grade</i>
<p>In this course, students learn about the challenges of having limited resources and unlimited wants and needs. Students develop an understanding of macroeconomic and microeconomic concepts such as supply and demand, opportunity cost, competition, market structures, production and consumption, fiscal and monetary policy, inflation, unemployment, and international trade. Upon successful completion of the course, students will understand the ways in which economic decisions affect individuals, groups, market systems, and countries. Students will also learn about money management, credit, and other personal finance topics. Prerequisite: open to Juniors and Seniors only.</p>			
AP World History • Fulfills a Graduation Requirement	Year	1 credit	<i>Prerequisite: Open to 10th, 11th & 12th grade</i>
<p>This is a college level history course designed to meet the needs of students who have a strong interest in history. The course is open to sophomores, juniors, and seniors, but sophomores and juniors must also take Western Studies (sophomores) and American Studies (juniors). The student is expected to read and analyze both primary and secondary source materials and to demonstrate ability to interpret and evaluate these sources in essay form. Students will take the Advanced Placement World History exam in May, as preparation for this exam is a major goal of this course. Therefore, the course is content-driven with heavy emphasis on written critical analysis. Extensive reading, writing, and class discussions are integral components of the program. The AP program in World History is designed to develop a greater understanding of human societies. The course covers world history from approximately 8,000 B.C.E. to the present.</p> <p>As a student in this course you will be required to develop skills that encourage you to:</p> <ul style="list-style-type: none"> • Construct and evaluate arguments: Use evidence to make arguments • Use documents and other primary data in order to develop the skills necessary to analyze point of view and context, and understand and interpret information • Assess continuity and change over time and over different world regions • Understand diversity of interpretations through analysis of context, point of view and frame of reference 			
20th Century U.S. History Through Film • This cannot be used as a U.S. History requirement - Elective Credit	Semester	.5 credit	<i>Prerequisite: Open to 11th-12th grade</i>
<p>This course is intended to give students an in-depth understanding of 20th Century American History from the Progressive Era through the end of the century. While the framework of the course will be chronological and will require students to master a timeline of the century, the methodology used for understanding will be a series of historical films and documentaries. Students will do the background research necessary to prepare for these films, and then will analyze them based upon how each presented the major issues of the time period/event. <i>Open to Juniors and Seniors only</i></p>			
Mock Trial and Social Science • Elective Credit	Semester	.5 credit	<i>Prerequisite: Open to 10th-12th grades</i>
<p>The first quarter will be devoted to participation in the interscholastic Mock Trial competition. This is a very intensive simulation activity that requires out of class commitments including at least two evening/weekend practices, two graded evening scrimmages and one or more graded trials, which require students to miss most of a day of school.</p> <p>This course may be taken more than once as Mock Trial topics and course units change.</p>			

Mock Trial and Social Science - Continued

Units may include:

- Appellate Law
- Anthropology
- Sociology
- Comparative Political Systems

Students will study the key thinkers and major issues in each discipline and the inter-relationships between them. Research, discussion, reading and writing assignments will require the analysis and application of ideas from each discipline

Balance of Power
• Elective Credit

Semester

.5 credit

Prerequisite: Open to 11th-12th grades

This Social Studies course explores the nature, influence, and balance of power in American government from local to state to national contexts. Students will identify and examine the structures of government at all levels in the American political system, as well as how they interact. Students will study the influence of the media, polls, opinions, political parties, economics, lobbies, and grassroots organizations on public policy. Current events are used as topical case studies in order to discuss and analyze the state of American democracy. B.o.P. students run the Mock Election in the High School each fall.

Contemporary Global Issues
• Elective Credit

Semester

.5 credit

Prerequisite: Open to 11th-12th grades

This course focuses on major issues affecting the world today. The goal is to further develop themes studied through the social studies sequence and to look at a variety of issues such as national self-determination, international institutions, globalization, resource depletion, and international conflicts. Students are asked to put the current status of these issues into context to better understand how America affects, and how Americans are affected by, global events. Students complete in-depth research, writing, and a presentation on an issue of their choice. *Fall only, 1 section, abutting Model U.N. prep course*

Psychology
• Elective Credit

Semester

.5 credit

Prerequisite: Open to 11th-12th grades

Psychology is the study of the relationship between the mind and behavior. As a result, acquiring an understanding of human psychology is useful in a variety of career fields. From understanding how the brain develops, to analyzing the impact of stress on behavior, psychology is both versatile and rich with academic depth. This course will focus on:

- The Brain & Behavior
- Human Development
- Conditioning, Learning, and Memory
- Social Behavior and Interaction
- Psychological Disorders
- And much more!

The course will be run as a balance between traditional academic study & lecture, hands-on learning, case study analysis, practical application, and project-based learning. It will be important to keep an open mind, and be willing to look into your own perceptions of yourself in order to fully grasp the material.

Model U.N. Prep Course
• Elective Credit

Semester

.5 credit

Prerequisite: All grades; Must compete on team

This course is for students interested in more in-depth preparation for the Model United Nations conference. Freeport has a strong Model U.N. program, and this course is designed to give particularly passionate students the chance to engage in more directed learning about parliamentary procedure, international issues, and resolution-writing. This class is not a replacement for the weekly club meetings, but a supplement for students wishing to perform at the highest level at MeMUNC. **This class will be offered only in the Spring. Students must participate in FHS Model United Nations program in the Spring (typically \$160-190 conference fee, financial aid available).**

V isual and Performing Arts Department

Musical Arts Course Offerings

Concert Band	Year Long	1 credit	<i>Prerequisite: none</i>
<p>Concert Band is open to any student at Freeport High School, regardless of prior experience in music. This course requires a combination of scheduled class time and after-school rehearsals and/or performances. Attendance at all concerts and scheduled performances is mandatory. Major performances throughout the year include the Fall Concert, Winter Concert, two Spring Concerts, the Memorial Day Parade, and Graduation. Students are highly encouraged to take this course for more than one year.</p>			
Concert Choir	Year Long	1 credit	<i>Prerequisite: none</i>
<p>Concert Choir is open to anyone who likes to sing, grades 9-12. Members will participate in three major performances during the year which include our fall, holiday, and spring concerts. This class meets every other day for 80 minutes, and rehearsals include sight singing, music theory, and the study of proper vocal technique as well as contemporary literature. Attendance at all concerts and scheduled performances is compulsory. Many of our students audition successfully for our District III Honors Chorus, in addition to All-State. This course may be taken for more than one year.</p>			
Introduction to Piano	Semester	.5 credit	<i>Prerequisite: none</i>
<p>Introduction to Piano is the study of basic keyboarding skills that will help students to experience music in a meaningful way. In addition, students learn to use the concepts and techniques of music theory and relate those to their keyboard training. Students will also learn harmonic, melodic, and rhythmic concepts, as well as the fundamentals at the piano. This course is designed to meet the needs of a high school student who wants to experience music through self-directed learning and have fun with the instrument.</p>			
Intermediate Piano	Semester	.5 credit	<i>Prerequisite: Introduction to Piano</i>
<p>Intermediate Piano provides continuing instruction for students who have completed Introduction to Piano. This class allows for placement of other students who have had some previous piano experience. Content includes basic keyboard theory (scales, chords, etc.), solo repertoire, and performance skills. Assessment of content knowledge and mastery of piano skills will take the form of benchmark pieces, music theory and scale assessments, and other special projects as assigned.</p>			
Basic Music Theory	Year Long	1 credit	<i>Prerequisite: none</i>
<p>This course is designed for students with little or no formal music theory training. The student will be introduced to basic written music notation, sight-singing with solfege, auditory skills and basic piano skills. The ultimate goal of the Music Theory course is to develop the student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. The achievement of this goal may be best promoted by integrated approaches to the student's development of aural skills through listening exercises, intellectual skills through performance exercises, notation skills through written exercises, compositional skills through creative exercises, and analytical skills through analytical exercises.</p>			

AP Music Theory	Year Long	1 credit	<i>Prerequisites: Basic Music Theory (highly recommended); and/or prior music performance ensemble performance; and teacher recommendation</i>
<p>This course is designed to provide students with the skills necessary to create and analyze music using an AP/college level approved text. The content will focus on a combination of ear training, writing, music history, and analysis of music. It is essential that a student have performance skills on any instrument. This course is strongly recommended for the student considering music as a college major, minor or career. All students will take the AP Music Theory exam in the spring.</p>			
Music Technology	Semester	.5 credit	<i>Prerequisite: teacher recommendation</i>
<p>Music Technology is open to any student at Freeport High School, regardless of prior experience in music. In this class, students will discover their own creative process and how to overcome musical challenges that come with creating music. Students work on an individual basis, which will allow for frequent personal feedback by the course instructor. Students will learn how to write music using traditional music notation in 'Flat.io,' and will also learn how to record music and MIDI tracks using 'GarageBand.'</p>			
Percussion Ensemble	Semester	.5 credit	<i>Prerequisite: none</i>
<p>This course involves the study and performance of percussion literature for a variable ensemble (from duos, trios, and quartets to large ensembles). This course will explore the fundamentals of percussion performance. Exploration into the performance techniques and literature for all instruments of the percussion family will be the focus of the course, including snare drum, timpani, mallet percussion, drum set, and African and Latin percussion instruments. The design of the course and ensemble will be subject to performance abilities of available personnel.</p>			
Honors Chamber Choir	Year Long	1 credit	<i>Prerequisite: Audition</i>
<p>Chamber Choir is open to students grades 9-12. Skilled singers will be auditioned for this ensemble. This class allows students to demonstrate a growing understanding of musical concepts that include tone, rhythm, harmony, tonality, texture, form, melody, and music in a historical and contemporary context. It provides students with the opportunity to experience varied ensemble groupings and to develop and understand relationships between music, the other arts, and disciplines outside of the arts. Attendance at all concerts and scheduled performances is mandatory. All Chamber Choir students are required to audition for either District III Honors Chorus or All-State, or if they choose to do so they can audition for both. Chamber Choir may be taken for more than one year, and students must audition every year.</p>			

Theatre Arts Course Offerings

Theatre I	Semester	.5 credit	<i>Prerequisite: none</i>
<p>Theatre I is an introduction to the performing arts and theatre. While using the highlights of the historical theatre as a guideline, students will utilize their voice and body through acting games, devising activities, improvisation, character study and role performances, and will study the basics in the technical arena as well. Students in this course are required to participate in Poetry Out Loud, experience the audition process and will perform poetry, a monologue and a scene.</p>			
Theatre II	Semester	.5 credit	<i>Prerequisite: Theatre I</i>
<p>More than a continuation on Theatre I, this course will build upon the skills and information students gained. Students in this course will take their knowledge of performance and build upon it by writing, directing and design and will be required to direct short scenes, perform in their classmates' scenes, write their own and investigate costume and lighting design. The semester will culminate in the staging of a completely student-generated 10-minute play.</p>			
Playwriting I/II	Semester	.5 credit	<i>Prerequisite: none Open to grades 10-12</i>
<p>In this semester class, students will be expected to write consistently, workshop one another's work effectively, study the history of the theatre and be comfortable performing. Theatre or creative writing experience encouraged. Students in this course will study classic works of drama while focusing their own energy into the creation of plays of their own. Original work will be read aloud, refined and brought to life through workshop-style classes. Students will finish this course with an in-depth understanding of the studied literary works, their historical context and with a completed one-act play of their own creation.</p> <p>This course can be repeated as Playwriting II. Those students will expand on their own work, assist in workshopping and perfect their one act play to pursue publication.</p>			
Production Design	Semester	.5 credit	<i>Prerequisite: none Open to grades 10-12</i>
<p>A project-based class that focuses on understanding the design process, especially as it relates to the theater, and works on tackling the tasks set before the students in a particular play. More than just creating for display, their products will need both beauty <i>and</i> function. This class is run in tandem to the extra-curricular drama program because the students will use creative-thinking and problem-solving skills in the classroom to assist the play being staged. They will tackle their own challenges as well, through set, sound, lighting and/or costume design projects.</p>			
Intro to Dance	Semester	.5 credit	<i>Prerequisite: none</i>
<p>Intro to Dance is for all learners and experience levels. The class will begin with the basics of ballet the foundation of all dance. From there the class will continue on to explore jazz and modern dance, especially as they relate to performance on stage. Time will be taken for analysis and critique of professional dance and a particular focus will be made on group and personal expression and choreography. Students must come with a willingness to move, appropriate attire and a water bottle.</p>			

Visual Arts Course Offerings

Foundations of Art	Year Long	1 credit	<i>Prerequisite: minimum proficiency</i>
<p>This course explores the basic elements of visual design through introductory exercises in drawing, painting, sculpture, and printmaking. Art is presented as a visual language mastered through the development of the student's perceptual skills and creative problem-solving techniques. Artistic production, art history, and aesthetics will be essential components throughout. Reading, critiquing, presenting, and writing about art and artists are an essential course component. All lessons are defined by technical and formal parameters, however, choice of subject matter is almost always left entirely to the students. This course requires students to create a digital portfolio including images of their projects, written reflections, and process reflections. Foundations of Art has an honors option.</p>			
Ceramics I	Semester	.5 credit	<i>Prerequisite: Foundations of Art</i>
<p>In this class, students make both functional and sculptural clay work using basic hand-building techniques. Through focusing on the integration of form and surface, as well as the study of both historical and contemporary clay work, students understand the importance of good design and quality craftsmanship. Individual and group critiques help students continuously improve their work and make informed artistic decisions.</p>			
Ceramics II	Semester	.5 credit	<i>Prerequisite: Foundations of Art & Ceramics I</i>
<p>This class builds on the skills and techniques acquired in Ceramics I. Students are challenged towards greater personal expression in ceramic media. Students broaden their knowledge of construction and finishing techniques through consideration of both historic and contemporary ceramic artists and an increased understanding of the elements of art as they pertain to three-dimensional art.</p>			
3D Design	Semester	.5 credit	<i>Prerequisite: Foundations of Art</i>
<p>This course is for serious visual arts students who are interested in further developing their fluency, understanding, and personal expression in sculpture. Reading and writing about art and artists are an essential course component. All lessons are defined by technical and formal parameters, however, choice of subject matter is almost always left entirely to the students. This helps students develop conceptually while learning techniques and vocabulary to support their visions. This course requires students to create a digital portfolio including images of their projects, written reflections, and process reflections.</p>			
2D Design	Semester	.5 credit	<i>Prerequisite: Foundations of Art</i>
<p>This course focuses on the two-dimensional techniques of drawing and painting. Students are challenged to develop their visual thinking skills and visual expression through a variety of creative assignments and media. Reading and reviewing about other art forms and artists are an essential course component. All lessons are defined by technical and formal parameters, however, choice of subject matter is almost always left entirely to the students. This helps students develop conceptually while learning techniques and vocabulary to support their visions. This course requires students to create a digital portfolio including images of their projects, written reflections, and process reflections.</p>			

Advanced Studio Art	Year Long	1 credit	<i>Prerequisites: Foundations of Art & A Design Course</i>
<p>This is a course for the student who has strong visual skills. The students survey art through a series of themes. Reading and writing about art and artists are an essential course component. All lessons are defined by technical and formal parameters, however, choice of subject matter is almost always left entirely to the students. This helps students develop conceptually while learning techniques and vocabulary to support their visions. This course requires students to create a digital portfolio including images of their projects, written reflections, and process reflections. All advanced students will exhibit their art portfolio in a large group show at the end of the year.</p>			
AP Art History	Year Long	1 credit	<i>Prerequisites: Foundations of Art, A Design Course & Advanced Studio Art</i>
<p>AP Art History is designed to provide the same benefits to secondary school students as those provided by an introductory college course in art history: an understanding and enjoyment of architecture, sculpture, painting and other art forms within historical and cultural contexts. In the course, students examine major forms of artistic expression from the past and present and from a variety of cultures. All students are required to take the AP exam.</p>			
AP Studio Art	Year Long	1 credit	<i>Prerequisite: Foundations of Art, A Design Course & Advanced Studio Art</i>
<p>The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. Students choose one portfolio to focus on and then demonstrate mastery through any two or three dimensional medium or process, such as graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting and printmaking. Students develop technical skills and familiarize themselves with the functions of visual elements as they create an individual portfolio of work for evaluation at the end of the course. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation by the AP College Board at the end of the school year. The AP Studio Art Program consists of three portfolios — 2-D Design, 3-D Design and Drawing — corresponding to the most common college foundation courses.</p>			
Photography I	Semester	.5 credit	<i>Prerequisite: Students must provide their own digital and film cameras</i>
<p>This semester-long course introduces students to photography as an art form. Students learn compositional skills through the study of the elements of art. Students explore the history of traditional photography as well as techniques and methods used by contemporary digital photographers. This course includes lessons in photo editing/manipulation using Photoshop software (first half) as well as traditional black and white film photography and basic darkroom techniques (second half). Researching and writing about photographers is an essential course component. This course requires students to create a digital portfolio including images of their projects, written reflections, and process reflections.</p>			
Photography II	Semester	.5 credit	<i>Prerequisite: Photography I; Students must provide their own digital and film cameras</i>
<p>This course introduces the creative manipulation of alternative photographic materials and processes such as toning, hand coloring, and multiple exposures using both darkroom and digital technology (Photoshop). Emphasis is placed on personal vision and modes of seeing. Upon completion, students should be able to create</p>			

Photography II - Continued

properly exposed images using a variety of photographic materials and processes. This course requires students to create a digital portfolio including images of their projects, written reflections, and process reflections.

Art Appreciation**Semester****.5 credit*****Prerequisite: Counselor Recommendation Only; Grades 11-12***

This course introduces the origins and historical development of art. Emphasis is placed on the relationship of art elements and design principles to various art forms including, but not limited to: sculpture, painting, and architecture. Upon completion, students are able to identify and analyze a variety of artistic styles, periods, and media. This class incorporates art making with the study of art history. This class is designed as an alt-ed option for juniors and seniors.

Media Arts Course Offerings

Video Production I**Semester****.5 credit*****Prerequisite: none***

This course is a hands-on approach to video technology with the use of the digital video camera and using basic field production techniques. Students train on equipment and learn non-linear editing techniques using iMovie editing software. Students are required to film two outside events (i.e. sports contest, concert or school musical). The class will get an introduction to Channel 14 and its operation. Students will do a variety of projects to gain experience in basic video skills.

Video Production II**Semester****.5 credit*****Prerequisite: Video Production I***

This class expands on the principles taught in Video One. Students continue to develop their camera and editing techniques and delve deeper into various video projects to produce longer and more complex videos. Students are required to film two outside events (i.e. sports contest, concert or school musical). Students work with voice over techniques in video storytelling as well as learn basic principles used in live on-location news stories.

Advanced Videography**Semester****.5 credit*****Prerequisite: Teacher Recommendation/Approval***

Advanced students who wish to elect a challenging self-directed study of videography may choose Advanced Videography with permission of the teacher. The Advanced Videography teacher serves as an advisor to guide the student in the definition and pursuit of learning outcomes, research and troubleshooting, and the completion of goals. Students will define an area of focus for the semester. Acceptance into the class will be based upon a written proposal to the instructor, approved prior to the beginning of the semester.

World Languages Department

French I <ul style="list-style-type: none"> • Fulfills a Graduation Requirement • May be completed through Middle School experience 	Year	1 credit	<i>Prerequisite:</i>
<p>French I provides an introduction to the language, culture, and geography of the international French-speaking world. Students acquire language skills sufficient to describe themselves and their world and to inquire about others through listening, speaking, reading, and writing activities. Current events in the French-speaking world will be studied as they occur.</p>			
French II <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Year average of 80% in the previous level or a 3 in standard based grading</i>
<p>In French II, students continue to develop the four skills of listening, speaking, reading, and writing. Students master more vocabulary and more complex grammar. Students are expected to make every effort to communicate in French in class. Cultures of the international French-speaking world, including differences in vocabulary between countries, are examined. Current events in the French-speaking world will be studied as they occur.</p>			
French III <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Year average of 80% in the previous level or a 3 in standard based grading</i>
<p>This course stresses the Oral Proficiency Interview as a way to assess competency. Conversations in French are used to challenge students. Reading and writing are reinforced through journals and comprehension checks according to various criteria. Vocabulary development, verb mastery, and use of idiomatic expressions are an integral part of learning. A variety of subjects are pursued and may include plays, stories, and audiovisual material, which reflect French culture, history, and life. Presentations are used to review grammar rules while still further expanding the student's reading, listening, and comprehension abilities.</p>			
French IV <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Year average of 80% in the previous level or a 3 in standard based grading</i>
<p>Oral proficiency is stressed through advanced conversations, readings from literature, reading a detective story, and writing journals. Various materials are used to continue vocabulary acquisition and proficiency. Oral presentations and projects give students a chance to be creative with language. Grammar study is ongoing to expand the student's reading and comprehension abilities.</p>			

French V <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Year average of 80% in the previous level or a 3 in standard based grading</i>
<p>This course is designed to stress flexibility in speaking, listening, reading, and writing. Oral activities emphasize proficiency in spontaneous speech and thought. Coursework includes reading works in their entirety, teaching units if possible, writing essays, writing a sequential narrative from a series of pictures, studying French culture from the Middle Ages to the present, and using idiomatic expressions.</p>			
Latin I <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite:</i>
<p>In this course, students acquire basic Latin vocabulary and grammar. Students read and interpret short stories in Latin while learning about the culture and history of the Romans in the city of Pompeii.</p>			
Latin II <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Year average of 80% in the previous level or a 3 in standard based grading</i>
<p>This course continues the vocabulary/grammar acquisition from Latin I, but at a higher level of complexity. The culture and history focus is the colonization of Britain and Egypt by the Romans.</p>			
Latin III <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Year average of 80% in the previous level or a 3 in standard based grading</i>
<p>Students continue their study of advanced Latin grammar, vocabulary, and syntax while learning about the Roman army and military organization before moving on to historical events in the city of Rome.</p>			
Latin IV <ul style="list-style-type: none"> Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Year average of 80% in the previous level or a 3 in standard based grading</i>
<p>This course continues and expands upon the work begun in Latin III, stressing the development of fluency and depth in translation skills and literary analysis. Students are encouraged to hone their skills in translation, paying close attention to structure and meaning. Students will complete their study of Latin with exposure to unadapted literary Latin by authors such as Ovid, Catullus, Pliny, Martial, and Vergil.</p>			
Spanish I <ul style="list-style-type: none"> Fulfills a Graduation Requirement May be completed through Middle School experience 	Year	1 credit	<i>Prerequisite:</i>
<p>This course provides an introduction to the language, culture, and geography of the Hispanic world. Students acquire language skills sufficient to describe themselves and their world and to inquire about others through listening, speaking, reading, and writing activities.</p>			

Spanish II <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Year average of 80% in the previous level or a 3 in standard based grading</i>
<p>Spanish II builds on the grammar introduced in Spanish I, but greatly expands knowledge of vocabulary. Cultural knowledge continues to develop through readings, pictures (videos), and projects. Listening comprehension is further enhanced. Students are expected to make every effort to communicate in Spanish in class.</p>			
Spanish III <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Year average of 80% in the previous level or a 3 in standard based grading</i>
<p>This course focuses on oral and written proficiency in the language. Exercises include vocabulary development, reading and discussion of literature. Topics from Spain and Latin America are used to develop not only a linguistic, but also a cultural fluency. A review of basic and advanced grammar is included, especially verb mastery. Oral presentations are integral to the course to evaluate the student's growing ability in the language.</p>			
Spanish IV <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Year average of 80% in the previous level or a 3 in standard based grading</i>
<p>Spanish IV focuses more intensely on the four skill areas of reading, writing, listening, and speaking, and on developing proficiency in each area. Student activities center on reading short stories and abridged novels, writing short essays, and speaking in both formal and informal situations. Students continue to explore, in more depth, the many facets of Spanish culture.</p>			
Spanish V <ul style="list-style-type: none"> • Fulfills a Graduation Requirement 	Year	1 credit	<i>Prerequisite: Year average of 80% in the previous level or a 3 in standard based grading</i>
<p>Spanish V is intended to help students prepare for a college level class. Work is more independent, so student motivation is key to success. The history, literature, and art of Spain are covered simultaneously in three or four major units. Texts include, "El Cid", "Fuenteovejuna", and "El burlador de Sevilla". Class discussions on current events occur every other week throughout the year. Movies in Spanish may be shown, including "Volver", and "Casi Casi". The rest of the verb tenses (future perfect, conditional perfect, present perfect subjunctive, and the past perfect of subjunctive) are covered, as are the sequence of tenses, idiomatic expressions, and a more challenging verb list. Sometimes this class is simultaneously taught with Spanish IV.</p>			

Additional language courses are available online through Virtual High School. See their current offerings at: <http://www.govhs.org/Pages/Academics-Catalog>

Additional Academic Opportunities

Virtual High School	Semester	1 credit	<i>Prerequisite: Counselor & Parent Rec.</i>
<p>Imagine classrooms without walls, where students are able to attend their classes 24 hours a day, seven days a week. Imagine students working cooperatively online with others from a wide variety of ethnicities, backgrounds and geographic locations. What you are beginning to imagine is the reality of the Virtual High School, a non-profit organization that offers content-rich, credit-bearing high school courses to students across the country and around the world. Check out the course catalog at: http://www.govhs.org</p>			
PLATO	Semester	variable	<i>Prerequisite: Counselor Rec.</i>
<p>PLATO (<i>Programmed Learning Automated Teaching Operations</i>) is a computer-based curriculum that can be used for academic remediation or for credit recovery. The PLATO program is aligned to the Common Core State Standards and uses research-based techniques for program delivery and assessments. Students are placed into the PLATO lab through the student services department based on prerequisite fulfillment and individual circumstances. PLATO is a non-graded curriculum at FHS, which will not influence a student's GPA, but will serve as a means for students to gain credit for graduation by demonstrating proficiency of FHS standards and indicators on a Pass/Fail basis. PLATO courses are not to be used instead of taking the course at FHS.</p>			
AP4ALL	Year	1 credit	<i>Prerequisite: Counselor & Parent Approval</i>
<p>AP4ALL offers over 20 online Advanced Placement courses to any student residing in a Maine school administrative unit who is educated at the public expense. Students who participate in AP4ALL are taught by Maine certified teachers who receive extensive training. AP4ALL classes are year-long online courses that run from the day after Labor Day through one week after the scheduled date of the AP Exam for the course. All AP4ALL courses follow the same calendar, regardless of a student's own school calendar, and each course satisfies all College Board Advanced Placement course requirements. All Students enrolled in AP4ALL are required to take & pay the fee for the AP Exam in the Spring.</p>			
Accelerated Achievement	Semester	1 credit	<i>Prerequisite: Teacher Recommendation & Counselor Approval</i>
<p>This class serves as credit recovery for a science and/or ELA credit, and may be a semester or full-year class depending on individual student need. Science is an incredibly powerful and important process for understanding the world around us, but is less useful for understanding the social and ethical implications of scientific research. Through the use of readings, scientific inquiry and writing prompts, we will address the intersection of science and ELA.</p>			
Work Study Opportunities	Semester or Year	variable	<i>Prerequisite: 11th and 12th grade, with counselor approval</i>
<p>Several options are available for students to have community-based work experiences in conjunction with their academic classroom work. All student programs are designed according to individual student needs (academic requirements and career and personal goals). Please speak to your counselor for more details.</p>			

Service Learning and Community Service	Semester or Year	variable	<i>Prerequisite: none</i>
Service learning provides an opportunity for students to be actively involved in the learning process and is a way to develop personal and leadership skills through service to others. As students participate in meeting community needs, they can explore educational and career choices. Service learning creates the opportunity for students to build positive community connections and integrates academic objectives with service experience to facilitate student learning, personal and social growth, and civic responsibility. The Service Learning Coordinator encourages and supports student participation in community service and acts as a clearinghouse for information about community service opportunities.			
Early Study at USM & On Course for College at SMCC	Semester	1 credit	<i>Prerequisite: 11th-12 grades; application</i>
Through a partnership with the University of Southern Maine, Southern Maine Community College and other local colleges, it is possible for high school students to take university courses for credit. More information is available from the Guidance Office.			
Early College for ME	Year	none	<i>Prerequisite: application</i>
Early College for ME is a college transition program offered in 74 Maine high schools. It is designed for students who are undecided about college, yet have the potential to succeed in college. Early College for ME offers a combination of support, advising, college courses, and scholarships to help students prepare for and be successful in college. Students are selected by their high school during their junior year. All participating students receive support services during high school, and many receive an ECforME scholarship to continue their education at a community college after graduating from high school. If you are interested, check with the Guidance Office.			
Morse Street Pre-Apprenticeship	Semester	.5 credit	<i>Prerequisite: application</i>
This program works in conjunction with the Morse Street School where students are paired up with a teacher to work with students in grades K-2. These students will work out a program with their school counselor to provide instructional supports to students at Morse Street.			
Correspondence Study	Semester	variable	<i>Prerequisite: Counselor & Parent Rec.</i>
<p>Correspondence Study involves an independent study program, which is contracted between a student, and the <u>approved</u> correspondence program (Brigham and Young Independent Study and the Johns Hopkins Program, for examples). Although correspondence study is <u>strongly</u> discouraged, graduation credit may be earned through the approved Correspondence Program if:</p> <ul style="list-style-type: none"> • Due to a scheduling conflict, an individual cannot enroll in a course that is required for graduation • The Pupil Education Team has recommended a correspondence course as part of an individual's I.E.P. • An individual has previously failed a course and correspondence study represents the only reasonable means by which this course may be successfully completed. 			

Independent Study	Semester	variable	<i>Prerequisite: teacher, parent & counselor approval</i>
Independent study is designed to offer an opportunity for self-motivated students to research or study a selected topic on an independent basis. The topic and its study must be approved, supervised, and coordinated by a teacher on the staff of Freeport High School. The purpose of this course is to allow students greater flexibility and freedom in pursuing individual educational goals. Independent study also fosters the student's self-reliance as s/he assumes personal responsibility for an area of study. This course allows application of creative effort in areas not presently available in the curriculum . The teacher must verify the completion of the work. A parent, the appropriate curriculum teacher, and the Guidance Office must approve the formal proposal.			
Abroad Programs	Variable	variable	<i>Prerequisite: Application for Credit</i>
Offered to any Freeport High School student who wants to master another language and/or enjoy the benefits of living and studying abroad without sacrificing high school graduation credits or preparation for top U. S. colleges. Students and their families are responsible for researching and funding the cost of these programs. Please see the Guidance Office for credit approval prior to going abroad.			
Jobs for Maine's Graduates (JMG)	Year	1 credit	<i>Prerequisite: JMG Teacher Recommendation</i>
The school-to-work program is a 9-12 class that will focus on having a concrete plan for the student upon graduation. In-class activities focus on work-related preparation: job applications, cover letters, resumés, job interviewing, public speaking, and telephone/personal communication skills. Students will be members of a career association that helps to plan classroom activities and will require some time spent outside of school hours. Student, parent, and teacher will sign a contract at the start of the year that sets expectations for all parties. Instructor will be in contact with seniors on a monthly basis following graduation to provide assistance and guidance as needed.			
Senior Projects	3 weeks	No credit	<i>Prerequisite: application & approval</i>
Through Senior Projects, students at Freeport High School have the opportunity to create and realize a learning experience during four weeks of the last quarter of their senior year. The culmination of this learning experience is a presentation of the project given before students, faculty, administration, parents, and community. While the presentation is the most visible record of the student's accomplishment, it is also supported by a solid foundation of documented planning and progress. Freeport High School believes a successful final product can only be achieved through careful planning, time management, reflection, analysis, and active professional guidance.			

Region 10 Technical High School

www.r10tech.org

General Information

Technical Education offers hands-on learning designed to prepare students for college and the working world. A unique combination of classroom instruction, laboratory work, community-based volunteer and live work programs, and on-the-job-training becomes the springboard for future success. Strong attendance, self-discipline, and a desire to work in technical education are important for a successful experience at Region Ten. We offer knowledge and skills for a lifetime.

Articulation Agreements

Region Ten Technical High School has developed dual enrollment and articulation agreements with Maine post-secondary community colleges. These colleges will award credit for work completed at Region Ten Technical High School. For example, students in Food Trades have training in Sanitation. This certified course is required for ServSafe Manager certification and qualifies for community college credit. Similar opportunities are available for students in Metal Fabrication and Welding, Automotive Technology, Early Childhood Development, Health Occupations, Auto Collision Repair, EMT-Basic, Outdoor Powersports, and Commercial Art.

Region Ten Credit Options

Region Ten students earn 3 elective credits for each successful year completing a program.

A Freeport student has the option to earn core academic credits for a two-year sequence at Region Ten. The credits are calculated on the basis of the completion of academic outcomes identified in Maine's Learning Results. If a student completes one year of a vocational course, s/he is eligible to receive .50 academic credits and 2.5 elective credits. The credits available in individual strands are as follows:

Science: Auto Technology, Auto Collision Repair, Outdoor Power, Early Childhood Development, Metal Fabrication /Welding, Health Occupations CNA, EMT Basic

Math: Building Construction, Outdoor Power, and Metal Fabrication/ Welding

Fine Arts: Culinary Arts and Commercial Arts

As FHS moves forward with its proficiency-based system, Freeport High School administration and student services will work with Region Ten administrators to develop an integrated program through which students earn two separate core experiences over the two-year technical program.

For example, a student enrolled in Auto Technology can earn a math and science experience through his/her program. Working with the Auto Technology teacher, FHS Student Services staff will determine which standards and performance indicators will be assessed for the math and science experience through the technical program. Once this has been determined, integrated credit can be rewarded.

Region 10 Courses

COURSE TITLE	LENGTH	PREREQUISITE	INTEGRATED EXPERIENCE
Auto Collision Repair	2 Years	No	Science
Students in this course learn to safely and productively perform all phases of collision repair and refinishing. This program is divided into four sections: painting and refinishing, nonstructural analysis and damage repair, structural analysis and damage repair, and mechanical and electrical components. Automotive refinishing is a major component of this program. Color mixing, matching, tinting and blending techniques are explored with plenty of hands-on experience. Upon completion of this course, the student should be able to enter the workforce at an entry-level position or move on to a technical college for advanced skills.			
Automotive Technology	2 Years	No	Math & Science
Automotive Technology provides students with learning experiences in a wide variety of vehicle components and their repair including engine, transmission and drive train, steering, brakes, and electrical systems. Students will gain knowledge of computerized diagnoses and testing equipment. Instruction and practice are provided in the diagnoses of malfunctions, disassembly of engines, and examination of major systems. Students learn to inspect, lubricate, adjust, repair, and replace parts, engines, and other automotive components. Students who enroll in Automotive Technology become familiar with a wide variety of tools such as hand and power tools, pneumatic wrenches, lathes, jacks, and hoists. Students have the opportunity to earn ASE student certification and dual enrollment credits with SMCC and CMCC.			
Building Trades	2 Years	No	Math
This course of study is divided into two main areas: Masonry and Carpentry. Together they offer a wide range of classroom and hands-on work experiences in the construction trade. Carpentry areas of concentration include: rough and finish carpentry, floor, wall, and roof framing, exterior trim, insulation, drywall installation, construction planning and drafting. Post and beam construction, basic electrical, plumbing, and cabinet making are covered if time permits. Masonry areas of concentration include: forms and foundation, brick and block work, stone, tile, masonry materials and mortars, scaffolding, chimneys, fireplace construction, arches and steps. Working offsite on community projects is an important component of building trades.			
Commercial Art	2 Years	No	VPA
The Commercial Art program was designed to introduce students to careers associated with digital design, including but not limited to: graphic design, illustration, animation and video game design. Students are introduced to the basic principles and elements of design and gain software experience required to solve visual communication problems. Using industry standard Adobe software and related programs, students develop the ability and confidence to determine appropriate and successful designs to industry standards for a variety of applications. Students will have the opportunity to become Adobe Certified Associates upon successful completion of the Adobe exam and are eligible to earn 3 CMCC dual enrollment credits.			

Commercial Art - Continued

The main areas of focus are:

- Solve graphic design problems with principles and elements of design
- Learn industry standard Adobe software; Photoshop, Illustrator, InDesign and Flash
- Prepare portfolio for professional presentation, evaluation, and college entry
- Develop analytical thinking and problem solving skills for the digital design industry

Early Childhood Development**2 Years****No****Science**

The Early Childhood Development Program prepares individuals to provide care and guidance of infants and young children under the supervision of professional personnel. Students plan, organize and conduct activities for children which promote physical, interpersonal, motor, mental, and social growth and development of acceptable behavior: cleanliness, eating, playing, resting, and toilet habits. Supervised students operate a daycare three days per week. Second year students are eligible to earn 3 dual enrollment credits in child development from SMCC.

E.M.T. – Basic**2 Years****No****Science**

The EMT Basic course of study includes trauma emergencies, pediatrics, special patient populations, and spinal assessment. Training includes clinical time in a hospital emergency facility and “ride along” training with a licensed Emergency Medical Service. Training includes vital signs, CPR/AED, oxygen administration, diabetic emergency treatment, spinal immobilization, and use of airway devices, along with other important life support training including bleeding control. Students learn the technical terms for life-saving medicines and emergency application. Students must be prepared for a serious, rigorous course of study, and must possess a maturity commensurate with treating life-threatening incidents. Students may opt for Health Occupations curriculum to interface with EMT Basic. Students who enroll in the 5 credit dual enrollment with SMCC are eligible to sit for the national EMT certification exam.

Food Trades**2 Years****No****VPA**

Food Trades prepares students for careers that support Maine’s Hospitality Industry. Students learn concepts in food preparation and restaurant management. Emphasis is placed on maintaining a healthy environment through sanitation training and workplace wellness. Knowledge is applied through catering school and public functions. Participation in our public restaurant continues to develop competencies. Students are encouraged to participate in one certified course in sanitation worth three community college credits if successfully completed. Food Trades students may join Skills USA to enhance their leadership opportunities and compete at both state and national levels.

General Trades**2 Years****No****Elective**

The General Trades Program is a one to four year vocational training program designed to prepare students for employment or future placement in another of the Region Ten programs. Emphasis is placed on the development of attitudes, behaviors, and work readiness skills common to all trades. The Cooperative Learning approach is utilized in both the classroom and workshop areas. Students in this program may, but do not need to be, students with an IEP. The student must be able to work at a community job experience independently, be self-motivated, understand the concept of work, and be able to follow directions.

Health Occupations (CNA)	2 Years	No	Science
<p>Health Occupations (CNA) prepares students to sit for the Maine State Certification Exam to earn CNA certification. This class for juniors and seniors includes academic study, skills lab, and clinical time in long term and hospital settings. Students must be 16 years of age, able to read and write at the high school level, have no criminal convictions, abstain from drug and alcohol use, maintain excellent attendance, and have a genuine interest and compassion for all types of people. Student costs will include uniforms and white sneakers/shoes.</p>			
Metal Fabrication and Welding	2 Years	No	Math & Science
<p>Metal Fabrication and Welding program combines several trades. Topics covered include safety, measurement, general metallurgy, bench work, layout, blueprint reading, grinders, drilling machines, oxyacetylene welding, shielded metal arc welding, metal inert gas (MIG) welding, tungsten inert gas (TIG) welding, flame cutting, brazing and braze welding, electrode differences, use and selection, soldering and sheet metal tools, equipment, layout, and fabrication. Introduction to basic drafting and AutoCAD is included. Technical/Community college credits may be awarded for blueprint reading. Some students may choose to take the state welding certification examination after successfully completing this program.</p>			
Outdoor Powersports	2 Years	No	Math & Science
<p>Outdoor powersports technicians inspect, service, and repair small engines, recreational vehicles, and motorcycles. Students in this course learn to use hand and power tools, sophisticated measurement tools, and various precision measuring instruments. Topics covered include basic engine theory, two and four cycle engine overhaul, lubrication, cooling engine systems, fuel and exhaust systems, carburetor function, ignition systems, clutches, transmissions, wheels and suspensions.</p> <p>Equipment students will work on includes garden tractors, outboard motors, snowmobiles, ATVs, and motorcycles.</p>			
Pre-Apprenticeship Program	1 Year	No	Electives
<p>This course provides students who possess the academic background and technical aptitude and on-the-job work experience. Pre-apprenticeships allow students to explore career possibilities and receive credit for community-based experiences. In addition to time at the job site, all students are required to attend classes three afternoons a week at Region Ten exploring work readiness skills and discussing on-the-job experiences. This class can lead to a full Maine State Apprenticeship, post-secondary education, and/or permanent employment with the participating employer. Through pre-apprenticeship, students will have access to professional skill level positions with area employers. All students must be at least 16, have already arranged a job and be attending regular academic classes required for graduation.</p>			

Extracurricular Clubs and Activities

Clubs/Activities	
<p>Model United Nations</p> <p>Drama Club</p> <p>Math Team</p> <p>One Act Play</p> <p>Musical</p> <p>National Honor Society</p> <p>9th Grade Mentors</p> <p>Earth Club</p> <p>Jazz Band</p> <p>Science Olympiad</p> <p>Tabletop Gaming</p> <p>Men's Ensemble</p> <p>Women's Ensemble</p> <p>Knitting Club</p> <p>GEMS</p> <p>Outdoors Club</p>	<p>Fishing Club</p> <p>Student Council</p> <p>GSTA</p> <p>RSVP</p> <p>Tech Club</p> <p>Art Club</p> <p>Latin Club</p> <p>Falcon Outlet</p> <p>Clarion</p> <p>Yearbook</p> <p>Class Officers</p> <p>Interact</p> <p>FPAC Club</p> <p>Book Bites</p> <p>SEEDS Mentors</p> <p>Peace Garden Club</p>

Athletics

Boys' Sports	Girls' Sports	Season
Boys' Soccer	Girls' Soccer	Fall
Boys' Cross Country	Girls' Cross Country	Fall
Football	Girls' Field Hockey	Fall
Golf	Golf	Fall
Cheering	Cheering	Fall/Winter
Boys' Basketball	Girls' Basketball	Winter
Boys' Unified Basketball	Girls' Unified Basketball	Winter
Alpine Skiing	Alpine Skiing	Winter
Nordic Skiing	Nordic Skiing	Winter
Indoor Track	Indoor Track	Winter
Swimming (individuals)	Swimming (individuals)	Winter
Ice Hockey (cooperative)	Ice Hockey (cooperative)	Winter
Baseball	Softball	Spring
Boys' Lacrosse	Girls' Lacrosse	Spring
Outdoor Track	Outdoor Track	Spring
Tennis	Tennis	Spring

At-A-Glance Course Offerings Index

ENGLISH COURSES

Class	Credits	Sem/ Year	Prereq?	AP or Honors	Grades Offered	Fulfills Graduation Requirement?
English-9 Focus	1	Y	Y		9th	Y
English-9 (CP)	1	Y			9th	Y
English-9 Honors	1	Y	Y	H	9th	Y
Literacy-1	1	Y	Y		9th	N
English-10	1	Y			10th	Y
English-10 Honors	1	Y	Y	H	10th	Y
English-11: American Studies	1	Y		H option	11th	Y
AP English Language & Composition	1	Y	Y	AP	11th-12th	Y
AP Literature & Composition	1	Y	Y	AP	11th-12th	Y
English 12: Literacy	.5	S			12th	Y
English 12: Composition	.5	S			12th	Y
English 12: Creative Writing	.5	S			12th	Y
English 12: Public Speaking	.5	S			12th	Y
English 12: Skills I	.5	S	Y		12th	Y
English 12: Skills II	.5	S	Y		12th	Y
Journalism I	.5	S			9th-12th	N
Journalism II	.5	S			9th-12th	N
Desktop Publishing	1	Y			9-12	N
Senior Seminar	.5	S			12	N

HEALTH & PHYSICAL EDUCATION

Class	Credits	Sem/ Year	Prereq?	AP or Honors	Grades Offered	Fulfills Grad. Requirement?
Excite - L1	.5	S			9-12	Y
Outdoor Fitness - L1	.5	S			9-12	Y
Team & Life Sports - L1	.5	S			9-12	Y
Foundations of Fitness - L2	.5	S	Y		9-12	Y
Weight Training - L2	.5	S	Y		9-12	Y
Women's Fitness & Self Defense - L2	.5	S	Y		11-12	Y
Physical Education Leadership	.5	S	Y		11-12	N
Exercise Physiology	.5	S			9-12	N
Adaptive Physical Education	.5	S	Y		9-12	Y
Health	.5	S			10-12	Y
Advanced Health	.5	S	Y		10-12	N

MATHEMATICS DEPARTMENT

Class	Credits	Sem/ Year	Prereq?	AP or Honors	Grades Offered	Fulfills Grad. Requirement?
Pre-Algebra	1	Y			9-12	Y
Numeracy I	1	Y	Y		9-12	N
Algebra 1 - Part 1	1	Y			9-12	Y
Algebra 1 - Part 2	1	Y	Y		9-12	Y
Algebra 1 (CP)	1	Y	Y		9-12	Y
Algebra 1 - Honors	1	Y	Y	H	9-12	Y
Geometry (CP)	1	Y	Y		9-12	Y
Geometry - Honors	1	Y	Y	H	9-12	Y
Algebra 2 (CP)	1	Y	Y		9-12	Y
Algebra 2 - Honors	1	Y	Y	H	9-12	Y
Pre-Calculus (CP)	1	Y	Y		10-12	Y
Pre-Calculus - Honors	1	Y	Y	H	10-12	Y
Calculus (CP)	1	Y	Y		11-12	Y

Class	Credits	Sem/ Year	Prereq?	AP or Honors	Grades Offered	Fulfills Grad. Requirement?
AP Calculus AB	1	Y	Y	AP	11-12	Y
AP Calculus BC	1	Y	Y	AP	11-12	Y
Differential Equations	.5	S	Y		12	Y
Linear Algebra	.5	S	Y		12	Y
AP Statistics	1	Y	Y	AP	11-12	Y
Consumer Math	1	Y	Y		11-12	Y
Personal Finance	.5	S	Y		11-12	N
Geometry in the Real World	.5	S	Y		10-12	N
Residential Architecture	.5	S			9-12	N

SCIENCE & TECHNOLOGY DEPARTMENT

Class	Credits	Sem/ Year	Prereq?	AP or Honors	Grades Offered	Fulfills Grad. Requirement?
Science & Sustainability (Focus or CP)	1	Y	Y		9-12	Y
Science & Sustainability - Honors	1	Y	Y	H	9-12	Y
Biology (CP)	1	Y	Y		9-12	Y
Biology - Honors	1	Y	Y	H	9-12	Y
Chemistry (CP)	1	Y	Y		10-12	Y
Chemistry - Honors	1	Y	Y	H	10-12	Y
Physics (CP)	1	Y	Y		11-12	Y
AP Physics C: Mechanics	1	Y	Y	AP	11-12	Y
AP Environmental Science	1	Y	Y	AP	11-12	Y
AP Biology	1	Y	Y	AP	11-12	Y
Anatomy & Physiology	1	Y	Y		11-12	Y
Current Topics in Science	1	Y	Y		10-12	Y
Environmental Science	1	Y	Y		11-12	Y
CSI 101 - Parts I/II	.5	S	Y		11-12	Y
Outdoor Ecology	.5	S	Y		11-12	Y

Class	Credits	Sem/ Year	Prereq?	AP or Honors	Grades Offered	Fulfills Grad. Requirement?
Introduction to Engineering & Design	1	Y			9-12	Y
Engineering & Design Lab	.5	S	Y		10-12	Y
Engineering & Design Capstone	.5	S	Y		11-12	Y
Computer Programming	.5	S			9-12	Y

SOCIAL STUDIES DEPARTMENT

Class	Credits	Sem/ Year	Prereq?	AP or Honors	Grades Offered	Fulfills Grad. Requirement?
Global Studies (Focus or CP)	1	Y	Y		9	Y
Western Studies	1	Y			10	Y
American History: American Studies	1	Y		H option	11	Y
Economics/Finance	.5	S			11-12	Y
AP World History	1	Y	Y	AP	11-12	Y
20th Century US History - Film	.5	S			11-12	N
Mock Trial & Social Science	.5	S			10-12	N
Balance of Power	.5	S			11-12	N
Contemporary Global Issues	.5	S			11-12	N
Psychology	.5	S			11-12	N
Model U.N. Prep Course	.5	S			9-12	N

VISUAL & PERFORMING ARTS DEPARTMENT

Class	Credits	Sem/ Year	Prereq?	AP or Honors	Grades Offered	Fulfills Grad. Requirement?
Concert Band	1	Y			9-12	Y
Concert Choir	1	Y			9-12	Y
Introduction to Piano	.5	S			9-12	Y
Intermediate Piano	.5	S	Y		10-12	Y
Basic Music Theory	1	Y				
AP Music Theory	1	Y	Y	AP	10-12	Y
Music Technology	.5	S			9-12	Y

Class	Credits	Sem/ Year	Prereq?	AP or Honors	Grades Offered	Fulfills Grad. Requirement?
Percussion Ensemble	.5	S			9-12	Y
Honors Chamber Choir	1	Y	Y	H	10-12	Y
Theatre I	.5	S			9-12	Y
Theatre II	.5	S			9-12	Y
Playwriting I/II	.5	S			10-12	Y
Production Design	.5	S			10-12	Y
Intro to Dance	.5	S			9-12	Y
Foundations of Art	1	Y			9-12	Y
Ceramics I	.5	S	Y		10-12	Y
Ceramics II	.5	S	Y		10-12	Y
3D Design	.5	S	Y		10-12	Y
2D Design	.5	S	Y		10-12	Y
Advanced Studio Art	1	Y	Y		11-12	Y
AP Art History	1	Y	Y	AP	12	Y
AP Studio Art	1	Y	Y	AP	12	Y
Photography I	.5	S			9-12	Y
Photography II	.5	S			9-12	Y
Art Appreciation	.5	S	Y		11-12	Y
Video Production I	.5	S			9-12	Y
Video Production II	.5	S	Y		9-12	Y
Advanced Videography	.5	S	Y		10-12	Y

WORLD LANGUAGES DEPARTMENT

Class	Credits	Sem/ Year	Prereq?	AP or Honors	Grades Offered	Fulfills Grad. Requirement?
French I	1	Y			9-12	Y
French II	1	Y	Y		9-12	Y
French III	1	Y	Y		10-12	Y
French IV	1	Y	Y		11-12	Y

Class	Credits	Sem/ Year	Prereq?	AP or Honors	Grades Offered	Fulfills Grad. Requirement?
French V	1	Y	Y		12	Y
Latin I	1	Y			9-12	Y
Latin II	1	Y	Y		10-12	Y
Latin III	1	Y	Y		11-12	Y
Latin IV	1	Y	Y		12	Y
Spanish I	1	Y			9-12	Y
Spanish II	1	Y	Y		9-12	Y
Spanish III	1	Y	Y		10-12	Y
Spanish IV	1	Y	Y		11-12	Y
Spanish V	1	Y	Y		12	Y
ADDITIONAL OFFERINGS						
Class	Credits	Sem/ Year	Prereq?	AP or Honors	Grades Offered	Fulfills Grad. Requirement?
Virtual High School	1	S	Y		9-12	Y
PLATO	1	S/Y	Y		9-12	Y
AP4ALL	1	Y	Y	AP	11-12	Y
Accelerated Achievement	1	S	Y		11-12	Y
Work Study	.5/1	S/Y	Y		11-12	N
Service Learning	.5/1	S/Y			9-12	N
Early Study USM	1	S	Y		11-12	Y
On Course at SMCC	1	S	Y		11-12	Y
Early College for ME	0	Y	Y		11-12	N
Morse Street Preapprenticeship	.5	S			9-12	N
Correspondence Study	1	S	Y		9-12	Y
Independent Study	.5/1	S/Y	Y		9-12	Y
Jobs for Maine Graduates (JMG)	1	Y	Y		9-12	N
Senior Projects	0	3W	Y		12	N

REGION 10 COURSE OFFERINGS

Class	Credits	Sem/ Year	Prereq?	AP or Honors	Grades Offered	Fulfills Grad. Requirement?
Auto Collision & Repair	3	2Y	Y		11-12	N
Automotive Technology	3	2Y	Y		11-12	N
Building Trades	3	2Y	Y		11-12	N
Commercial Art	3	2Y	Y		11-12	N
Early Childhood Development	3	2Y	Y		11-12	N
E.M.T. Basic	3	2Y	Y		11-12	N
Food Trades	3	2Y	Y		11-12	N
General Trades	3	2Y	Y		10-12	N
Health Occupations - CNA	3	2Y	Y		11-12	N
Metal Fabrication & Welding	3	2Y	Y		11-12	N
Outdoor Powersports	3	2Y	Y		11-12	N
Pre-Apprenticeship Program	3	1Y	Y		11-12	N