



CAPE ELIZABETH
HIGH SCHOOL

2011 - 2012

PROGRAM OF STUDIES

CAPE ELIZABETH HIGH SCHOOL PROGRAM OF STUDIES 2011-2012

This Program of Studies presents information about courses which may be taken towards a Cape Elizabeth High School diploma. This publication also presents information that can help students plan an academic program with their future goals in mind. It is designed to be used by students and their parents during course registration.

Information on educational programming for students in grades 9-12 with documented physical, behavioral, and/or learning disabilities is available from the Instructional Support Services Department at Cape Elizabeth High School.

Please note that some courses or other provisions described in this publication may not be offered in 2011-2012, depending on course enrollment, staffing, or other factors. For additional information, contact the high school principal at Cape Elizabeth High School, 345 Ocean House Road, Cape Elizabeth, ME 04107. Telephone: (207) 799-3309 Fax: (207) 767-8050 Web site: <http://www.cape.k12.me.us>.

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ACADEMIC INFORMATION

Cape Elizabeth High School is a public four-year comprehensive high school of approximately 550 students. We are proud of our students' records of accomplishments and high levels of achievement in academics, athletics, and extracurricular activities. This program of studies is designed to guide you through the complex and important process of course selection. We urge you to pay close attention to it and ask any questions you need to be clear on this important process.

GRADUATION REQUIREMENTS

All students are required to carry 6 courses (maximum 7) in order to maintain their status as a full-time student at Cape Elizabeth High School. Successful completion of the following courses is required for a student to graduate from Cape Elizabeth High School.

- 4 years of English
- 3 years of Social Studies, to include 1 year American History, 1/2 year of Government & 1 1/2 years of World History
- 3 years of Math
- 3 years of Science, to include Physics, Chemistry and Biology
- 1 year of Fine Arts
- 1/2 year of Technology
- 1/2 year of Fine Arts or Technology
- 1 year of Physical Education
- 1/2 year of Health

Credits are earned when courses are passed. Year-long courses, completed successfully, earn 10 credits (or the equivalent of 1 Carnegie unit). Semester-long courses, completed successfully, earn 5 credits (or the equivalent of 1/2 of a Carnegie unit). The credit value of a course is lost if a subject is failed. The credit value of a course can also be lost due to excessive cutting of that course.

If a course is failed the student must develop a plan for making up the lost credit and meeting the requirement if the failed course is a required subject. This plan might be to retake the course or its equivalent at the next opportunity at Cape Elizabeth High School, or to retake the course through summer school. It is recommended that failures be made up as early as possible so as not to jeopardize the student's ability to graduate with his/her class. Students should see their guidance counselor for planning in the event of a course failure.

Current Credit requirements are as follows:

- 55 Credits are needed to be considered a sophomore
- 115 Credits are needed to be considered a junior
- 170 Credits are needed to be considered a senior
- 230 Credits are needed for graduation

ABOVE AND BEYOND GRADUATION REQUIREMENTS

PLANNING FOR MATH COURSE SELECTION

CEHS does not require any particular sequence of math courses to be taken for graduation. At a minimum, however, all students should plan to take math classes at least through Advanced Algebra. Completing Advanced Algebra by the end of junior year is recommended as preparation for the SAT exam. This will be a significant challenge for some students and may require some to take more than the minimum three required credits. For purposes of college, taking math for all four years of high school is strongly recommended.

CRITICAL READING CLASS

CEHS offers a reading support class to strengthen students' reading comprehension skills. This class will be by invitation only and will be taken in addition to the student's regular grade level English course.

FOREIGN LANGUAGE COURSE SELECTION RECOMMENDATIONS

Because Cape Elizabeth students begin language study in Grade 3, most of our students enter high school in Spanish or French levels II or III. This positions our students to complete 5 or 6 years of language study in high school. The advantages are:

- Four years of one language are suggested for competitive college admissions.
- Five and six years of language study is a very powerful credential and permits students to compete with private school applicants to the most competitive colleges.
- The fourth year of language is an Honors course and the fifth and sixth year courses can be AP courses.
- A fourth, fifth or sixth year of language helps students become fluent in a second language. This is a significant benefit to students preparing to work in the global world economy.

Therefore, we strongly recommend that students continue their study of French or Spanish for as many years as possible.

IMPORTANT NCAA INFORMATION FOR ATHLETES

College-bound Division I and II athletes must send academic records to the NCAA Clearinghouse to determine eligibility to participate at a Division I or II college as a freshman student-athlete. To register with the Clearinghouse, you must complete the Student Release Form online. The SRF does two things: 1) it authorizes each high school you have attended to send the Clearinghouse your transcript, proof of graduation and other necessary academic information, and 2) it authorizes the Clearinghouse to send your academic information to all colleges that request your eligibility status. If interested in playing Division I or II college athletics, students and their parents should consult the NCAA Clearinghouse website, www.ncaa.org to determine requirements as soon as possible.

SPECIAL CIRCUMSTANCES

EARLY GRADUATION

If a student can meet the graduation requirements in less time than the normal four-year high school sequence, that student can apply for early graduation. In order to apply for early graduation, the student must (at least two semesters before the desired graduation date):

- Write a letter explaining the reasons for requesting early graduation. This letter should include the student's post-graduate plans.
- Arrange a meeting to include the student, parents, school counselor and principal to complete an Early Graduation Plan of how the student will meet graduation requirements.

Early graduates are not ranked with the seniors in the class ranking, but with their own class.

STUDY AWAY FROM CEHS

Study abroad or at another program requires careful and early planning. In order to leave the Cape Elizabeth School System to study in another location, students must write a letter of intent to the school principal. This letter should clearly explain the student's plan for study away. The student and parents must meet with the student's Guidance Counselor to develop an academic plan that will ensure successful fulfillment of Cape Elizabeth's graduation requirements. A semester of study away may affect the sequence of required courses a student will take. The Cape Elizabeth School Department does not provide correspondence-type courses for students traveling for extended periods.

An official transcript with grades to be added into the Cape Elizabeth academic record is required upon return. These grades will be incorporated into student transcripts according to the high school procedure for transfer of student grades. If the transfer grades are not able to be accepted into the CEHS grade point average, the student may not be included in the class ranking.

PROCESS FOR COURSE SELECTION

Course registration is serious business and involves a serious commitment. Registrations influence the shape of the master schedule and the allocation of school resources such as faculty, staff, materials, and space. The course registration period for the 2011-2012 academic year begins with the Program of Studies. Students, parents, and faculty work together to select student classes for the following academic year. After the Course Selection Sheets are returned to guidance, a Master Schedule is built based on these requests. Seniors are scheduled first, followed by Juniors, Sophomores and Freshmen.

SENIORS, JUNIORS AND SOPHOMORES:

Upperclass students receive their Course Selection Sheets in March. Teacher approval is required for core academic course selections (English, Math, Social Studies, Science and Foreign Language) as well as courses outlined in the Study Guide as requiring "Instructor Permission." It is, therefore, essential that students consult teachers on appropriate course selection based on ability, interest, career goals, and graduation requirements. Parents or guardians must sign the course selection sheet; they are encouraged to contact the School Guidance Office if they have questions.

HIGH SCHOOL POLICY ON STUDENT PLACEMENT

Placement of students in courses at different levels should be the result of student, parent, teacher, Guidance Counselor and department collaboration. In considering placement decisions, the guiding questions will be:

- What is best for the student?
- Where is the student most likely to be both challenged and successful?
- In the case of a student who wishes to be placed in a class beyond the teacher's recommendation, what evidence is there of the student's seriousness of purpose, work ethic, and underlying ability to be successful?
- How does a decision in a particular case affect class size and overall scheduling concerns?

The course selection and scheduling procedure of the high school will ensure that all the interested parties are involved. Although every effort will be made to listen to student and parent input regarding a student's course selection and enrollment, initial placement decisions rest in the hands of each department. In the event of a disagreement with the placement decision, the final decision is made by the principal. Any questions about course selection should be addressed to the appropriate department chairperson and the student's Guidance Counselor.

It is the intent of this policy to place initial, fundamental decision-making about course placement in the hands of the departments. If any student or parent is in doubt about the appropriateness of a department's placement recommendation, they may contact the principal. The school administration will ensure that the appeals process described below fairly hears parent and student concerns in the event that they disagree with a placement decision.

ADMINISTRATIVE PROCESS FOR PLACEMENT OF STUDENTS

Students and their parents will receive materials for course selection. Each student should review the Program of Studies for courses offered and make tentative selections for the following year with the advice of their parents. Concurrently, the student's teachers will advise him/her on the appropriate course selection for the following year and will note their recommendation on the student's course selection sheet.

HONORS COURSE PLACEMENT POLICY

Student placement in honors courses will depend on the average grade for the first three quarters of a given school year. Students who earn a grade of 85 or better in their current (most recent) Honors Course within a department may elect an honors course. Students whose earned grade average for their current (most recent) course, regardless of the level, is 80 or below may not, except in exceptional circumstances, elect an honors course. All other students who are interested in being selected for an honors course should submit a letter of interest to the appropriate department chair explaining why they wish to enroll in a particular honors program. Each department will use a placement screening process appropriate to its curriculum. The review could include a student's previous grades in the subject, a recommendation from the student's current teacher, appropriate tests other representations of the student's work, and an interview with the student.

In the event that the student and department do not agree on placement, the student or parent may ask for a review conference with an appeals committee, chaired by the Principal, composed of the department chairperson, the Principal and the student's Guidance Counselor. The major focus of the committee's review of placement will be the students past performance in department courses, testing results, written samples of the student's work, input from the student's current teacher, parent(s) and the student and evidence of the seriousness of purpose, work ethic, and underlying ability of the student to be successful. The responsibility for the final decision in any review process rests with the Principal.

SPECIAL CONSIDERATIONS FOR ADVANCED/AP COURSES

The placement and appeals process for AP and Advanced courses will be the same as above for Honors courses, except that all students who wish to take an AP class may be required to attend an informational meeting with the teacher and/or to participate in an appropriate screening process designed to assess their readiness skills. Students will normally be expected to attain a 90 or above in their previous Honors class in order to be accepted. This is not, however, a hard and fast rule; other students are welcomed and encouraged to apply for AP courses, and their cases will be fairly considered. Special considerations in the case of AP course placement are as follows:

- Class size. Some AP classes are designed as seminar classes. It is recognized that seminar classes normally should not exceed 15-20 students.
- AP exam. Students who take AP classes (except Foreign language V and VI) are required to take the AP exam in the subject. Students who need financial assistance in order to take the exams should apply through the Guidance office.

AP COURSE OVERLOAD

AP courses present a high level of academic challenge and demonstrate academic potential in college-level classes. On the other hand, taking too many AP classes at the same time can be a mistake. To that end we limit the number of AP classes a student can take as follows:

- four for juniors
- five for seniors

Students who wish to take more than this number of AP classes may speak with the principal.

COURSE LEVELS AND GRADES

Honors and Advanced Placement courses are for students who have demonstrated high achievement in a particular subject area.

College Preparatory courses are for students who are preparing academically for admission to a four-year college.

High School Diploma courses are for students who wish to complete the requirements of a high school diploma.

PATHS - Portland Arts and Technology High School is a two-year half-day regional program. A listing of course offerings can be found on their website at:

<http://paths.portlandschools.org/>

GRADES AND HONOR ROLL

Cape Elizabeth High School uses numerical averages on its report cards. These numbers have the following grade equivalents:

A+	.....	99 – 100
A	.....	95 – 98
A-	.....	93 – 94
B+	.....	91 – 92
B	.....	87 – 90
B-	.....	85 – 86
C+	.....	83 – 84
C	.....	79 – 82
C-	.....	77 – 78
D+	.....	75 – 76
D	.....	72 – 74
D-	.....	70 – 71
FAIL	.....	69 and below
I	.....	Incomplete
P	.....	Pass

In order to be on the Honor Roll, a student must meet the following criteria:

- High Honors: All grades must be A's
- Honors: All grades must be B's or better.

UNWEIGHTED AND WEIGHTED GPA

CEHS calculates and reports on transcripts both unweighted and weighted GPA. Unweighted GPAs are calculated by adding the grades received in all classes and dividing by the number of classes taken, taking into account whether classes are semester or year-long.

Weighted GPAs are calculated by adding together grades received in classes taken in English, Math, Science, Social Studies, Foreign Language and selected other classes and excluding unlevleed classes (eg. Foreign Language I, II, III), dividing by the number of classes taken, taking into account whether classes are semester or year-long classes. Weighted GPA is not officially reported before completion of 6 semesters. The multiplier applied to grades received in Honors and Advanced Placement classes is as follows:

Honors - 1.30

Advanced Placement - 1.35

CRITERIA AND SELECTION PROCESS FOR CERTAIN MAJOR AWARDS

- National Honor Society: The National Honor Society strives to recognize students who have demonstrated excellence in each of the following areas: Scholarship, Leadership, Service and Character. Juniors and seniors are eligible. The scholarship criterion is based on a student's cumulative GPA at the end of the first semester; students must have an unweighted, cumulative GPA of at least 93 or a weighted, cumulative GPA of at least 118. Students must have attended CEHS for a minimum of one semester. The student's core academic courses must be college preparatory, honors or AP level. Students with incompletes are not eligible for consideration.
- Maroon Medal Society: Juniors and seniors may apply to this honorary club in the spring by filing an application of their activities and achievements. Points are awarded for each activity and achievement and 180 points are needed to qualify for the Maroon Medal Society.
- College Book Awards: Book Awards are given in the name of contributing colleges. Juniors whose grade point average places them in the top of the class are considered for these awards. Book awards are selected by a faculty committee and chaired by the Principal.
- Top 10 Percent: These placements are awarded to the top 10% of seniors who have the highest grade point averages in the weighted class ranking which is done at the end of seven semesters of high school (mid-point of senior year.) The senior with the highest weighted grade point average at this point is the valedictorian of the class.
- Boys State/Girls State: Cape Elizabeth sends two boys and two girls to Boys State and Girls State each year in the summer.

SUPPORT SERVICES

LIBRARY

The Cape Elizabeth High School Library supports a challenging academic program with a selective collection of print, online, and audiovisual materials. Library resources and services are an integral part of the curriculum. Teachers use the facility heavily to instruct and guide students toward becoming independent researchers.

Our collection includes more than 20,000 books and audiovisual software programs and 50 current magazines and newspapers. We have 20 computers that provide access to library resources. Students have access to an online card catalog and numerous general and subject specific databases. All of these resources may be used by the general public. They are located on the CEHS Library's web page. Several databases require a username and password. Please contact the librarian for this information.

Our library is open from 7:30 am to 4:30 pm, Monday, Tuesday, Wednesday & Thursday, and 7:30 am to 3:30 pm on Friday.

Our school's reading club, Books and Bagels, meets monthly and students may join at any time. Book selections are made by students and staff - your recommendations are welcome! Please stop by the library to learn about our current reading club selections.



The Achievement Center

Located on the main floor of the high school, the Achievement Center is open to students daily from 7:30 am to 4:00 pm. Students utilize center services during study halls or free time.

The goal:

To provide individualized academic support—above and beyond what is already provided by our outstanding classroom teachers—to every student at Cape Elizabeth High School.

the center offers a variety of academic services...

- ◆ Individualized academic support
- ◆ Writing conferences
- ◆ Online tutorials in math, science and language arts using Plato® software
- ◆ One-on-one tutoring in a variety of subjects by staff, student and community volunteers
- ◆ Focused use of study hall

FOREIGN STUDENT EXCHANGE

Cape Elizabeth High School has enjoyed a tradition of hosting exchange students. In an effort to promote positive student exchange experiences these requirements have been adopted:

1. Exchange students must be placed with a resident and it is preferable that the host family has a student in CEHS.
2. Host families must obtain permission from the high school principal by July 1st for a student to begin in September.
3. Exchange students are accepted for only one academic year beginning in September.
4. The maximum number of exchange students who may enroll at one time for one academic year is four.
5. Exchange students must be placed by approved exchange programs listed in the advisory list of International Exchange Travel and Exchange Programs.
6. Basic competency in understanding spoken English language is required.
7. Exchange students are subject to all school rules and policies including up-to-date immunizations and a physical within the last year.
8. Exchange students will be awarded a Certificate of Attendance and a transcript of grades upon completion of one academic year.

STUDENT EDUCATION RECORDS - Confidentiality and Rights of Access

The Cape Elizabeth School department's policy regarding student records is in compliance with federal legislation. The major points of this policy are:

1. The school shall provide copies of educational records to parents of students and to students over the age of 18 for copying fees (10 cents per page.)
2. Each year, parents will be provided a summary of their rights concerning educational rights of their children.
3. Parents/guardians may inspect the records of their children by contacting the principal or guidance counselor.
4. The school will not disclose, without prior written consent, any school records of the student except as follows:
 - State and Federal official
 - School teachers and staff with legitimate educational interest
 - School officials of other public schools in which the student has enrolled.
 - School officials of private schools or college to which the student has applied for admission.
 - Other miscellaneous organizations listed in section VIII of the Student Record Policy.
5. All parents may seek correction of educational records of the student through a request to amend the record.
6. The school may destroy parts of an educational record of a student that are no longer deemed useful, only if there is not an outstanding request to inspect and review such records.
7. Complete copies of student records policy are available in the superintendent's office upon request.
8. An individual who is an applicant for admission to an institution of post-secondary education may waive his/her right to inspect and review confidential letters and statements of recommendations under specified conditions.
9. Complaints regarding violations of rights accorded parents may be submitted in writing to the following address:

The Family Educational Rights and Privacy Act Office
Department of Health, Education and WElfare
530 Independence Avenue, SW
Washington, DC 20001

ACADEMIC SEQUENCES 2010 - 2011

ENGLISH: Freshman > Sophomore > Junior > Senior

FOREIGN LANGUAGE: **French:**
Level I > (Level IR) > Level II > Level III > Level IV > Level V > Level VI*
↓
(As necessary; then Level II, etc.)

Spanish:
Level I > (Level IR) > Level II > Level III > Level IV Lit > Level V Lit > Level VI* Lit
OR: ↓
Level I > (Level IR) > Level II > Level III > Level IV Conv > Level V Conv

**Level VI Spanish and French availability alternates each school year.*

MATH: Algebra, Part I & MLR Math > Algebra, Part II > Geometry > Advanced Algebra OR
Algebra > Geometry > Advanced Algebra > FST or Stats > Stats or Pre-calculus > Calculus

Note: With teacher recommendation, a student can double schedule:

1. Geometry/Adv. Algebra
2. Pre-calc/ Stats (Pre-req.: 93 in Hon. Adv. Alg.)
3. Algebra Pt. 2/CP Geometry

Students taking Algebra Part 1 are required to take **MLR (Maine Learning Results) Math** concurrently.

SOCIAL STUDIES: World History I or World History - Part A > World History II or World History - Part B
> American History > Government

SCIENCE: Physics > Chemistry > Biology > Senior Electives

Course Listing 2011-2012

ID#	ENGLISH	ID#	MATHEMATICS	ID#	FOREIGN LANGUAGE	ID #	FINE ARTS
1035	Critical Reading for the SAT	2029	MLR Math	5202	Latin I		ART
1101	Honors Freshman English	2102	Algebra, Part I			8001	Art Fundamentals *
1102	CP Freshman English	2112	Algebra, Part II			8002	Ceramics *
1109	Freshman/Sophomore English	2122	CP Algebra	5302	Spanish I	8003	Ceramics II *
1201	Honors Sophomore English	2131	Honors Geometry	5312	Spanish IR	8005	Photography I *
1202	CP Sophomore English	2132	CP Geometry	5322	Spanish II	8006	Advanced Photography *
1300	AP Junior English	2141	Honors Advanced Algebra	5332	Spanish III	8012	Painting & Drawing *
1301	Honors Junior English	2142	CP Advanced Algebra	5351	Spanish IV Conversation	8013	Advanced Art Studio
1302	CP Junior English	2160	AP Statistics, Trigonometry & Polynomials	5341	Spanish IV Literature	8014	Illustration and Design *
1309	Junior/Senior English	2161	Honors Functions, Statistics & Trig.	5361	Spanish V Conversation		
1400	AP Senior English	2162	CP Functions, Statistics & Trig.	5360	Spanish V Literature - AP		
1401	Honors Senior English	2164	Honors Statistics	5370	Spanish VI - AP (not offered 2011-12)	ID #	MUSIC
1402	CP Sr. English	2170	AP Calculus AB			8204	Concert Choir
7229	Journalism	2171	Honors Pre-Calculus	5102	French I	8302	Symphonic Band
		2180	AP Callculus BC	5112	French I Review	8303	Wind Symphony
				5122	French II	8304	Jazz Improvisation *
				5132	French III	8311	Music Theory I *
ID #	SOCIAL STUDIES	ID #	SCIENCE	5141	French IV		
4101	Honors World History I *	3101	Honors Physics	5160	French V - AP	ID #	THEATER
4102	CP World History I *	3102	CP Physics	5170	French VI - AP	8102	Theater Basics *
4104	CP World History - Part A *	3111	Physical Science I			8103	Theater Live *
4105	CP World History - Part B	3112	Physical Science II			8101	Technical Theater
4201	Honors World History II	3201	Honors Biology	ID #	TECHNOLOGY	8104	Theater Workshop *
4202	CP World History II	3202	CP Biology	7009	General Technology I *		
		3301	Honors Chemistry	7019	Technology II *	ID #	HEALTH/PHYS ED
4300	AP U.S. History	3302	CP Chemistry	7029	Technology III *	6109	Phys. Ed. I *
4301	Honors U.S. History			7059	Architectural Drafting *	6209	Phys. Ed. II *
4302	CP U.S. History			7069	Architectural Design *	6119	Health *
4309	U.S. History			7079	Boatbuilding	6609	Health Forum *
4400	AP Government	ID #	<u>Science Electives</u>	7089	Woodworking I *	6619	Psychology *
4401	Honors Government *	3200	AP Biology (double period first semester)	7099	Woodworking II *	6629	Phys. Ed. Adventure (fall only) *
4402	CP Government *	3500	AP Physics	7150	Adventure Technology * (spring only)		
4602	Holocaust Studies *	3670	AP Environmental Science	7139	Keyboarding/Word Processing *	ID #	GUIDANCE
4612	Maine Maritime History *	3671	H. Earth Science	7159	Personal Finance *	9902	Independent Study *
4622	Contemporary World Issues *	3672	CP Earth Science	7189	Multimedia & Image Mgt *	9921	Independent Work Study (credits vary)
4631	Honors Economics *	3711	Hon. Anatomy & Physiology	7209	Digital Design *	9901	College Study *
4632	CP Economics *	3712	CP Anatomy & Physiology	7219	Web Site Design *	9910	Distance Education *
4633	AP Macro Economics *			7227	Yearbook	9913	Fall Senior Seminar *
4634	AP Micro Economics *						Peer Tutoring (credits vary)
4651	Honors Philosophy & Ethics *						

Please visit www.cape.k12.me.us to find the complete course listings

* 5 credits for one semester courses

CAPE ELIZABETH HIGH SCHOOL PROGRAM OF STUDIES 2011-2012

ENGLISH



Graduation Requirements:

4 Years - Freshman, Sophomore, Junior and Senior English

HONORS APPLICATION PROCESS

Submit a letter of application provided by the high school English Department and a portfolio of three pieces of writing: 1) a graded essay; 2) a creative writing piece; 3) a piece of writing of the student's choice.

FRESHMAN ENGLISH

1101 Honors Freshman English *Honors 10 credits Grade 9*

Focusing on the major literary genres, students in Honors Freshman English will master the vocabulary necessary for the perceptive analysis of poetry, study the development of western drama--with an emphasis on the works of Shakespeare--and read a range of narrative fiction from the nineteenth and twentieth centuries. This course provides intensive writing instruction. To that end, students will maintain writing journals, in addition to writing regular essays, poetry, descriptive vignettes, and short stories. Speech instruction will include oral reading, recitation, short prepared speeches, and formal debate. All freshmen will complete a departmental course in grammar and usage.

1102 CP Freshman English *College Prep 10 credits Grade 9*

This challenging course offers a genre approach to literature, including study of narrative fiction, poetry, drama, and essays. Students will read from a comprehensive anthology, study at least one Shakespearean play, and read several novels. In addition, students will write essays of literary criticism, prepare creative portfolios, and engage in speech and research activities. All freshmen will complete a departmental course in grammar and usage.

1109 Freshman/Sophomore English *Diploma 10 credits Grades 9,10*

Reluctant writers, here's a chance to improve your skills. This course offers an introduction to high school writing and analysis, with a strong emphasis on grammar and basic essay writing. You will read a selection of classic and contemporary short stories, essays, and short novels, including Animal Farm. You'll also read Shakespeare's Romeo and Juliet. Also, you will have many opportunities for speech and vocabulary development. All freshmen will complete a departmental course in grammar and usage.

SOPHOMORE ENGLISH

1201 Honors Sophomore English *Honors 10 credits Grade 10*

PREREQUISITE: Students with a grade point average in English 1101 of 85 or above may automatically continue in this course.

This challenging course begins with a study of classical mythology and archetypal theory. Students read selected myths and Homer's *The Odyssey*, several parallel contemporary texts, and two Shakespearean plays. Students work on critical thinking skills and the development of persuasive argument. Extensive reading, including independent selections, and extensive writing are required. Grammar skills and vocabulary development are emphasized.

1202 CP Sophomore English *College Prep 10 credits Grade 10*

A critical examination of literature, this course encourages students to focus on the skills of critical thinking, writing, and discussion. Selected myths and excerpts from the work of Homer are read, as well as other novels, and numerous short stories, plays, poems, and nonfiction pieces drawn from Elements of Literature and other sources. In addition, students will complete independent readings. Grammar skills and vocabulary development are emphasized.

JUNIOR ENGLISH

1300 AP Junior English *Adv. Placement 10 credits Grade 11*

PREREQUISITE: Satisfactory completion of a timed essay, submission of a student portfolio, teacher recommendation, and a grade in the previous course of 90 or higher are recommended, but others are welcome to apply.

This extremely demanding and fast-paced course emphasizes language and composition skills, with a focus on diction and syntax, and how language works, and culminates in the Advanced

Placement Test in Language and Composition in the spring of junior year. The course is a survey of American literature, with works by Hawthorne, Douglass, Fitzgerald, Wharton, Twain, and other American authors; the course also focuses on classical and contemporary nonfiction essays and speeches. The seminar format calls for intense class discussion; writing assignments are frequent.

CAPE ELIZABETH HIGH SCHOOL PROGRAM OF STUDIES 2011-2012

1301 Honors Junior English *Honors 10 credits Grade 11*

PREREQUISITE: Students with a grade point average in English 1201 of 85 or above may automatically continue in this course.

This is a challenging and comprehensive program in the chronological study of American Literature. The elements of each literary genre are reviewed. Students read works by such noted authors as Hawthorne, Douglass, Emerson, Thoreau, Wharton, Twain, Hemingway, Fitzgerald, O'Brien and others. Essays of literary criticism, a fully-documented research paper, creative writing, speech activities, and independent study are also offered in this course.

1302 CP Junior English *College Prep 10 credits Grade 11*

College Preparatory Junior English is designed for those students who plan to pursue their education after high school in a college setting. Designed to give students an overview of American literature, CP Junior English will offer readings from Douglass, Emerson, Thoreau, Dickinson, Twain, Fitzgerald, Wharton, Hemingway, Millay, and many others. Students will learn that clarity and honesty, as well as an understanding of purpose and audience, are essential to good writing. Most of the second quarter will be devoted to acquiring the skills needed to write a sizeable research paper, skills that will be again demonstrated in the second semester in American history.

1309 Junior/Senior English *Diploma 10 credits Grades 11, 12*

This is a two year course that offers students an opportunity to build their skills and refine their goals. In a small, supportive class, students learn to read and analyze a variety of fictional and non-fictional texts, build their vocabularies, speak in front of groups, and write for a variety of purposes.

SENIOR ENGLISH

1400 AP Senior English *Adv. Placement 10 credits Grade 12*

PREREQUISITE: Satisfactory completion of a timed essay, submission of a student portfolio, teacher recommendation, and a grade in the previous course of 90 or higher are recommended, but others are welcome to apply.

This rigorous course prepares students for the Advanced Placement Test in English Literature and Composition. It requires intensive reading of works by Shakespeare, Austen, Conrad, Achebe, and other British and world authors, and intensive reading of poetry, employing multiple critical approaches and analyzing form and function. Frequent papers allow for the extension of both analytical and creative writing skills. Active class discussion and daily preparation are important, as is the literature-based research project in the third quarter.

1401 Honors Senior English *Honors 10 credits Grade 12*

PREREQUISITE: Students with a grade point average in English 1301 of 85 or above may automatically enroll in this course.

This challenging course includes a survey of British and World Literature from Beowulf to Things Fall Apart. This course requires careful, close reading and employs a thematic approach in the second semester to more modern works by authors of many cultures. Frequent formal writing will hone both creative and analytical writing skills. Class discussion and daily preparation are an important part of the work, as is the student-selected research project undertaken in the third or fourth quarter.

1402 CP Senior English *College Prep 10 credits Grade 12*

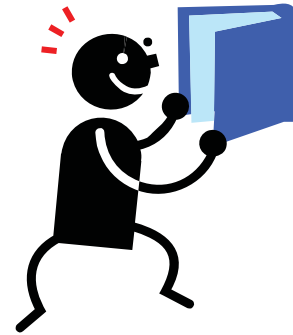
This course employs a thematic approach to historical and modern works by authors of many cultures. Thoughtful reading and frequent creative and analytical writing are required. Class discussion and daily preparation are an important part of the course and each student will complete a research project.

ENGLISH ELECTIVES

7229 Journalism
Unleveled 10 Credits Grades 10-12

PREREQUISITE: Permission of Journalism instructor or recommendation of current English teacher. May be counted towards technology credit with permission of instructor.

The 2009-2010 school year marks a momentous shift in Cape Elizabeth's student newspaper, *The Cape Insight*. The paper will now be primarily an on-line publication that will provide current news and timely features to the Cape Elizabeth High School community. This elective is an opportunity for you to explore the world of on-line journalism as you write feature and department articles, and design, layout, and maintain the paper's new website. The ability to meet deadlines is critical. The journalism course emphasizes in-depth reporting and analysis, computer skills, and graphic design. Independent reading of professional journalism work is also a requirement.



1035 Critical Reading for the SAT
Unleveled 3 Credits Grades -11

PREREQUISITE: By Teacher Recommendation Only.

Critical Reading for the SAT and Beyond is a semester course that prepares students for the Critical Reading section of the SAT. In the class students will practice various test-taking techniques particular to the SAT. In addition, academic reading strategies that students will be able to apply to both the SAT and to their school courses will be used to read varied informational texts. Vocabulary development will also be a key component of the class.

CAPE ELIZABETH HIGH SCHOOL PROGRAM OF STUDIES 2011-2012

FINE ARTS - ART, MUSIC & THEATER

Graduation Requirements:

at least 1 Year of Fine Arts credits
(please refer to page 2)



ART - Introductory Courses

8001 Art Fundamentals

Unleveled 5 Credits Grades 9-12

Art Fundamentals is an introductory course to the visual arts, as well as a prerequisite to several of our studio electives. This course offers students hands-on experience with making art, familiarity with art vocabulary and concepts, and a fuller understanding of the visual arts' role in contemporary society. Studio projects will explore two and three dimensional design, color theory, painting, and observational drawing using a variety of media. Historically significant techniques and influences will be presented and discussed with each project. Class expectations include project-related homework assignments and participation in group critiques of student work.

8002 Ceramics I

Unleveled 5 Credits Grades 9-12

This is an introductory course in the methods and processes of forming clay. Students will learn to use handbuilding techniques such as pinch, coil and slab construction and will also become proficient on the potter's wheel. There will be extensive study of different methods of surface decoration and glazing. Students will explore both functional and sculptural approaches to clay. Field trips to observe potters' studios and participate in raku firings may be part of the class.

8005 Photography I

Unleveled 5 Credits Grades 9-12

PREREQUISITE: Student must have a 35 mm SLR camera. Fall or Spring Semester. Lab Fee: \$40.00

Photo I serves as an introduction to the practice and appreciation of photography as an artist's tool in communicating ideas and exploring personal visions. It is a hands-on, lab oriented course which will introduce students to the dual discipline of camera use and black and white darkroom procedure. Mastering basic technique through concept based shooting assignments will be our primary focus, with an increasing emphasis on individual direction as the semester proceeds. Class time will consist of film processing, dark room work and class discussion and critique. Shooting will take the place of formal homework, and will approach various subjects, from landscape to the human figure.

Course requirements include a functional 35 mm SLR camera and a lab fee to offset the cost of chemicals and paper.

ART - Mid-Level Courses



8012 Painting and Drawing

Unleveled 5 Credits Grades 9-12

PREREQUISITE: Art Fundamentals, permission of instructor.

Painting and Drawing is a course designed for students who want to develop their skill and personal style using 2-D media. Drawing work in the class will strengthen understanding of composition, value, perspective, gesture and texture. Painting projects will deepen student's understanding of color theory and paint handling, using watercolor and acrylic. The class will explore both traditional subjects, such as observational work from the still life, landscape and figure, and more contemporary painting ideas. With each project the class will study relevant work by historical and contemporary artists. Active participation in class critiques, studio work and project related homework will be expected.



8014 Illustration and Design

Unleveled 5 Credits Grades 9-12

PREREQUISITE: Art Fundamentals. Fall semester.

Illustration and Design is a two dimensional mixed media course which explores the role of visual art in communication. Building on fundamental drawing, painting and design skills, students will have the opportunity to pursue practical applications of a variety of art studio techniques. Projects may include or be based on book illustration, commercial applications of color, print and design and layout, symbol design and typography. Design themes are discussed as they apply to each project. Class will consist of a combination of hands-on studio time, demonstrations, and group discussions and critiques.

CAPE ELIZABETH HIGH SCHOOL PROGRAM OF STUDIES 2011-2012

ART - Advanced Courses

8003 Ceramics II
Unleveled 5 Credits *Grades 9-12*

PREREQUISITE: Ceramics I
Offered Spring Semester only

Ceramics II is designed for students who want to continue developing skills learned in Ceramics I. Students will learn advanced wheel techniques including thrown table settings, and complex forms such as teapots. They will work with a variety of decoration methods from painted majolica to sgraffito. Handbuilding techniques will be used to create large sculptural forms such as lamps. Students will study the work of other ceramic traditions and contemporary artists. Work outside of class will be expected.

8013 Advanced Art Studio
Honors 10 Credits (year-long course)

PREREQUISITE: Art Fundamentals and Painting & Drawing, plus permission of the instructor.

Advanced Art Studio is a year-long class offered to those with a serious interest in visual art and who may anticipate further study on the college level. Students will work primarily in drawing and painting media, with topics to include the human figure, the urban landscape, conceptual abstraction, and the development of a personal style. Students will be challenged to become more sophisticated in their thinking and develop mature technical skills while developing portfolio-quality work. Weekly sketchbook assignments will be an integral part of the class, as will group discussion and critique.

8006 Advanced Photography
Honors 5 Credits *Grades 10-12*

PREREQUISITE: **Successful completion of Photo I, 35 m SLR camera, lab fee \$40.00 and instructor permission. Fall semester.**

Advanced Photography is designed for students who have demonstrated proficiency in the use of the 35mm camera and the traditional darkroom. A grade average of 92 or better in Photo 1 is the established benchmark for admission to this class. The focus of this class is to develop personal "voice" and content in one's work, often working with more conceptually based subject matter. Students will begin the semester by developing a personal portfolio of work shot from the previous summer, then proceed to investigate several theme-based assignments. Students with 35mm digital cameras may choose to work primarily in color, and all students will be expected to include some digitally produced work in their final portfolio. As with Photo 1, shooting will take place outside of scheduled class time. The course will incorporate critical analysis of photographic imagery, historical influences on contemporary work, and will culminate with the presentation of individual final portfolios.

MUSIC



8204 Concert Choir
Unleveled 5 or 10 Credits *Grades 9-12*

CEHS's largest vocal group, studying performance and singing in a comfortable learning environment. Students will enjoy singing in two to four part harmony. Music of many styles will be performed, such as Broadway, classical, folk, jazz, gospel and much more. They will also study beginning level music theory and history as they pertain to the music. The chorus will perform in concerts in the community and participate in choral festivals and events throughout Maine.



8304 Jazz Improvisation
Unleveled 5 or 10 Credits *Grades 9-12*

PREREQUISITE: Concurrent enrollment in band.

This is a course for students interested in learning jazz improvisation skills or improving the range of skills they already possess. Previous experience is not necessary. Students will learn to solo over standard tunes, learn about chords, chord scales and jazz harmony. Band-In-A-Box, a computer-assisted improvisation tool will also be utilized and taught.



8311 Music Theory
Unleveled 5 Credits *Grades 9-12*

PREREQUISITE: CEHS Music Ensemble for one semester or by permission of instructor.

Students considering any music courses in college should include music theory and ear training in order to be prepared for auditions and entry level placement exams. Students will study basic harmony, learn to write four-part harmony, compose melodies, and recognize normal and altered intervals, chords, modes, scales and study music.

CAPE ELIZABETH HIGH SCHOOL PROGRAM OF STUDIES 2011-2012



C.E.H.S. BANDS

Participation in either Symphonic Band or Wind Symphony is a prerequisite for participation in after-school jazz activities.

8302 Symphonic Band
Unleveled 10 Credits Grades 9-10

PREREQUISITE: Previous band experience or permission of the instructor.

Symphonic Band is a large instrumental performing group. Students will study instrumental performance techniques. Symphonic Band members are required to perform three public concerts per year. We anticipate scheduling two separate but equal symphonic bands. Assignment will depend on instrumentation needs and schedule availability.

8303 Wind Symphony
Unleveled 10 Credits Grades 11-12

PREREQUISITE: Audition and/or permission of Instructor

A medium size instrumental performing group for upperclassmen and advanced underclassmen. Students will participate in three public concerts and graduation.

T H E A T E R



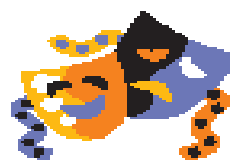
8102 Theater Basics
Unleveled 5 Credits Grades 9-12
Fall Semester only

Theater Basics is an introductory course for students (9-12) who have had little or no experience in theater. These students want to give theater a try and to take from it life skills that go beyond the stage. Production is not emphasized. Through classroom exercises and examination of texts, we look at theater in life itself and learn better how to use our own unique inner resources to engage life with understanding and confidence. Just sign up-no teacher approval required.

8103 Theater Live!
Unleveled 5 Credits Grades 10-12
Fall Semester only

In this elective course we will see and create live theater. We will attend Portland Stage Company productions and others if possible. We will look carefully at all CEHS programs.

Students will write and perform original scripts for stage. As part of these two areas of seeing live productions and producing original scripts, we will choose appropriate aspects of theater for further study: these may include movement, improvisation, analysis of texts, and the study of style in historical eras. Writing will be important. All activities will be live.



8101 Technical Theater
Unleveled 10 Credits Grades 9-12

What goes into making theater? Lighting, sound, set design -- these elements let us examine theoretical principles; the theater itself gives an environment for practical application. The Auditorium becomes a place of low tech tools -- hammer, saw, screwdriver, plywood, and paint -as we develop shows of remarkable quality. Some homework will be required when we meet as a group for intensive work.

We run shows that are produced in the Auditorium, including concerts, visiting artists, one acts, musicals, and original shows. If you join us, be ready to climb ladders as well as to think inventively.

8104 Theater Workshop
Honors 5 Credits Grades 10-12
By Instructor permission only
Spring Semester only

This Advanced Theater course is an association of artists, mostly in performing arts, but with designers and advanced technicians working collaboratively. A production course, the stage will shine with our mutual work. Typical work includes a musical, a one act play, children's theater, and original works. We also work with a large group of co-curricular students who bring their efforts to bear in our highly praised shows. But the demands are rigorous and time consuming. Careful consideration and consultation with the instructor are a must.

FOREIGN LANGUAGES

AP/Honors APPLICATION PROCESS

Students with a grade of 89 or above in Spanish IV Lit or French IV may automatically enroll in Spanish V Lit or French V. Students with grades between 80-88 must submit a specified writing sample (in Spanish or French) to enroll in these courses. The Department Chair and current teacher will make the final decision.

This policy also applies when going from level V (Spanish V Literature or French V) to level VI (Spanish or French) and Spanish III going to Spanish IV Literature.

FRENCH

5102 French I: Beginning French *College Prep 10 Credits Grades 9-12*

French I is an introductory course to French language and the culture of French speaking countries. Developing speaking skills and oral comprehension is the focus for the first year course. Students will be able to understand and speak about themselves, their families, their school interests and their daily life. They will be able to ask and answer questions in French.

5112 French I Review *College Prep 10 Credits Grades 9-12*

PREREQUISITE: French I or by placement test.

The purpose of French I Review is to reinforce and expand on the skills and knowledge of French I or the middle school program. The topics studied will center around everyday activities and situations. The focus is on speaking, learning about and understanding the cultures of the French-speaking world. Reading and writing will reinforce the cultural aspect of the course. By the end of the course, the students will be able to ask and answer questions, give a short narrative of his/her activities and read or listen to passages and understand the main ideas.



5122 French II: Intermediate French *College Prep 10 Credits Grades 9-12*

PREREQUISITE: French I or French I Review or by placement test.

This course is designed for students who have completed a 7th and 8th grade French program, French I or a similar program, or French I Review at the High School, and have a firm background in the fundamentals of French I. The course seeks to build on listening and speaking skills, along with developing reading and writing proficiency. By the end of this course, students will be expected to use French 95% of the time in class and perform the following activities within the context of the topics studied:

- describe events in the past, present and future
- ask and answer questions
- talk and write about everyday situations
- participate in unrehearsed role-plays based on familiar situations

5132 French III: Introduction to Reading and Composition *College Prep 10 Credits Grades 9-12*

PREREQUISITE: French II or by placement test.

The goal of this course is to strengthen reading, writing and speaking skills in preparation for further language study.

Students will study selected readings, art and history of the culture, as well as everyday topics necessary to function in the French-speaking world. Students will apply their language skills to discussions and essays on these topics. Additionally, previous grammar topics will be studied in more depth and advanced structures will be introduced. This course is conducted in French; therefore, students selecting it must be adequately prepared and willing to use the target language.

5141 French IV: Pre-AP Advanced Conversation, Reading & Composition *Honors 10 Credits Grades 10-12*

PREREQUISITE: French III

The purpose of this program is to strengthen the listening, speaking, reading and writing skills of the students. The content of the course will focus on an intensive, systematic review of French grammar while building on the student's vocabulary. Additionally, the student will refine his/her writing skills, developing short, personal essays. The student will also develop his/her reading skills so as to be able to grasp the main ideas and supporting details of authentic French texts from the print media and literary works. This course is conducted entirely in French.

CAPE ELIZABETH HIGH SCHOOL PROGRAM OF STUDIES 2011-2012

5160 French V: Advanced Study of Contemporary France **Adv. Placement 10 Credits Grades 11-12**

PREREQUISITE: Students with a semester grade point average of 89 or better in level IV may automatically enroll in this course. Students with a semester average of 80-88 must take a placement exam to be given by the department.

This advanced placement course is designed to enhance Language proficiency. Areas for composition, study and discussion include French institutions and government, current issues (such as immigration and environment). Students will read, analyze and discuss literary selections from various authors and articles from the French press. Students are expected to participate in the ongoing discussions each day, which are 100% in French. Grammar study, oral presentation and AP preparation will be an important component of every quarter. Seniors in this course may take the AP exam subject to the following criteria:

- A.) a grade of "90" or better in the course OR
- B.) teacher recommendation

(Note: Students taking this class are not required to take the AP French Language and Culture test. This policy is an exception to the normal rule requiring students in AP classes to take the test.)



5170 French VI: French Language and Culture **Adv. Placement 10 Credits Grades 11-12**

PREREQUISITE: Students with a semester grade point average of 89 or better in level V may automatically enroll in this course. Students with a semester average of 80-88 must take a placement exam to be given by the department.

Through this course, the student will work on his/her ability to read, write, understand and speak French through a variety of themes. These will include: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. The student will work with a variety of authentic audio and written texts to participate in interpersonal, interpretive, and presentational communication in line with the AP exam for French Language and Culture.

Note:

Students taking AP level language classes are not required to take the AP Language test. This policy is an exception to the normal rule requiring students in AP classes to take the test.

5202 Latin I **College Prep 10 Credits Grades 9-12**

This beginning course in Latin introduces basic grammar, syntax, vocabulary, pronunciation and English word derivation. Translation selections cover Roman history, mythology, and everyday life in ancient times.

SPANISH

5302 Spanish I: Beginning Spanish **College Prep 10 Credits Grades 9-12**

Spanish I is an introductory course to Spanish language and the culture of Spanish-speaking countries. Developing speaking skills and aural comprehension is the focus of the first year course. Students will be able to understand and speak about themselves, their families, their school interests, and their daily life. They will be able to ask and answer questions in Spanish.

5312 Spanish I Review **College Prep 10 Credits Grades 9-12**

PREREQUISITE: Spanish I or by placement test.

The purpose of Spanish I Review is to reinforce and expand on the skills and knowledge of Spanish I or the middle school program. The topics studied will center around everyday activities and situations. Reading and writing will reinforce the cultural aspect of the course. By the end of the course, the students should be able to ask and answer questions, give a short narrative of his/her activities and read or listen to passages and understand the main ideas.



CAPE ELIZABETH HIGH SCHOOL PROGRAM OF STUDIES 2011-2012

5322 Spanish II: Intermediate Spanish **College Prep 10 Credits Grades 9-12**

PREREQUISITE: Spanish I or Spanish I Review or by placement test.

This course is designed for students who have completed a 7th and 8th grade Spanish program, Spanish I or a similar program, or Spanish I Review at the High School, and have a firm background in the fundamentals of Spanish I. The course seeks to build on listening and speaking skills, along with developing reading and writing proficiency. By the end of this course, students will be expected to use Spanish 95% of the time in class and perform the following activities within the context of the topics studied:

- describe events in the past, present and future
- ask and answer questions
- talk and write about everyday situations
- participate in unrehearsed role-plays based on familiar situations



5332 Spanish III: Introduction to Reading and Composition **College Prep 10 Credits Grades 9-12**

PREREQUISITE: Spanish II or by placement test.

Spanish III is an intermediate course that builds on beginning language skills, preparing students for advanced language study. While students will continue to increase their working vocabulary through thematic topics, they will also learn strategies to approach texts written in the language. Additionally, students will begin to express themselves more formally in writing and orally. Previous grammar topics will be studied in more depth and advanced structures will be introduced.

Spain, Mexico and Argentina are the focus of cultural exploration in this course.

5341 Spanish IV: Pre-AP Advanced Literature and Composition **Honors 10 Credits Grades 10-12**

PREREQUISITE: Students with a semester average of 89 or better in Spanish III may automatically enroll in this course. Students with a semester average of 80-88 must take a placement exam to be given by the department.

The goal of this course is to introduce students to a varied selection of Hispanic literature. Class discussion will go beyond simple plot to the techniques the author uses to develop the characters and setting. In addition, the course incorporates Spanish movies, Spanish language periodicals, and technology resources. This course emphasizes increased oral proficiency in Spanish through continued conversation, vocabulary development, mastery of grammatical structures and compositions.

5351 Spanish IV: Advanced Conversation and Composition **College Prep 10 Credits Grades 10-12**

PREREQUISITE: Spanish III

In this course, students will become more adept at using higher level vocabulary and grammar to express themselves orally and in writing. Topics include current issues and cultural themes of the Spanish speaking world.

5361 Spanish V: Daily Life in Hispanic Culture **Honors 10 Credits Grades 11-12**

PREREQUISITE: Spanish IV Conversation or IV Literature

This course emphasizes a conversational approach to modern daily life in Spain and Latin America. Students will build their practical communicative skills while being exposed to Hispanic culture through non-literary and literary readings and cultural simulations.

5360 Spanish V: Topics in Latin American History and Literature

Adv. Placement 10 Credits Grades 11-12

PREREQUISITE: Students with a semester grade point average of 89 or better in level IV Literature may automatically enroll in this course. Students with a semester average of 80-88 must take a placement exam to be given by the department.

This advanced course is designed for those students who desire to further their language proficiency. The goal will be the integration of the language skills of listening, reading, speaking and writing, so that students will be able to communicate effectively in Spanish. Students will read, analyze and discuss works of various Latin American authors as well as study the history from the pre-Columbian Era to the present. Exposure to art, film, audio recordings, newspaper and magazine articles, online periodicals, literary works and historical and contemporary Latin American issues will be the basis of discussions, oral presentations and writings. Topics in grammar will be reviewed as appropriate, based on assessment of student's use of correct grammar in oral and written work. Students may take the AP exam subject to receiving a grade of 90 in the course or by teacher recommendation.

5370 Spanish VI: Topics in Hispanic Literature

Adv. Placement 10 Credits Grades 12

PREREQUISITE: This course is only open to students who have successfully completed Spanish V Literature and meet the following criteria. Students with a semester grade point average of 89 or better in Spanish V Literature may automatically enroll in this course. Students with a semester average of 80-88 must take a placement exam to be given by the department.

This advanced course will study the Spanish Twentieth Century, from the Spanish Civil War to the present. History, literature, newspaper articles, movies, and technology sources form the basis for class discussion and compositions. Topics in grammar will be reviewed as appropriate, based on continual assessment of the students' use of correct grammar in written and oral work. Students will read, analyze and discuss works by Spanish authors. Seniors in this course may take the AP exam subject to receiving a grade of 90 in the course or by teacher recommendation.

Note:

Students taking AP level language classes are not required to take the AP Language test. This policy is an exception to the normal rule requiring students in AP classes to take the test.



CAPE ELIZABETH HIGH SCHOOL PROGRAM OF STUDIES 2011-2012

HEALTH & PHYSICAL EDUCATION

Graduation Requirements:

1 Year of Physical Education; 1/2 Year of Health



6109 Physical Education I

Unleveled 5 Credits Grades 9-12

Physical Education I is a required one semester course that focuses on lifetime sports, cooperation and safety. Activities include: Cooperative/new games, racquet sports, golf, soccer, field hockey, water safety and CPR certification. Students will be evaluated on knowledge, active participation, skill tests and projects.

6209 Physical Education II

Unleveled 5 Credits Grades 10-12

PREREQUISITE: Physical Education I

Physical Education II is a required one semester course offered to all students who have successfully completed Physical Education I! Cooperation, communication and leadership skills are all developed during a mixture of Adventure, Fitness, Recreation and Sports. Students will have the opportunity to explore their fears and apply their strengths as well as receive their CPR Recertification in this class. Evaluation includes knowledge testing, projects, presentations and active participation.

6629 Physical Education Adventure

Unleveled 5 Credits Grade 12

PREREQUISITE:

Physical Education I and Physical Education II
Instructor Permission Required
Fall Semester Only

This is a one semester elective course offered to all seniors who have completed PE I and PE II. Students will learn sea kayaking, mountain biking, hiking, fly fishing, orienteering, horseback riding and climbing techniques, as well as first-aid and CPR. Outdoor Adventure classes will take place at local ponds, rivers, trails and climbing facilities with at least one overnight camping trip.



6119 Health I

Unleveled 5 Credits Grade 9

Health I is a required one semester course that focuses on healthy decision making and self awareness. Teenage topics of discussion will include: nutrition, personal health, mental health and suicide prevention, drug and alcohol use, first aid, relationships, sexuality and stress management. Evaluation will be based on a combination of knowledge testing, projects, presentations and participation in class discussions.

6609 Health Forum

Unleveled 5 Credits Grades 11-12

Want to learn to manage stress? Sleep better? Explore social issues like dating violence? AIDS? Addictive behaviors? Then, this is the course for you! Health Forum is an issue-oriented, discussion-based one semester course for juniors and seniors. Additional areas of discussion will include mental health, body image, eating disorders, suicide prevention, relationships and sexuality.

6619 Psychology of Growth & Development

Unleveled 5 Credits Grades 11-12

Psychology of Growth and Development is an elective one semester course for students who are interested in learning more about human behavior. The course is designed to learn more about ourselves and the people whose lives intersect with ours. Key concepts explored in Psychology are why people behave as they do and what effects their behaviors have on themselves and others. Major topics include: introduction to psychology, life-span developmental psychology and abnormal psychology.

(Please note: Courses 6609 & 6619 cannot be taken during the same semester without teacher permission)

New Offering!

7150 Adventure Technology

Unleveled 5 credits Grades 12

PREREQUISITE: Woods I or Tech I and PE I & II or instructors approval - Mr. Ray or Mr. Shea

Using traditional Maine woodworking skills, students will build their outdoor adventure equipment and then put their work to the test during outdoor adventures. This is a hands on class that will be held both in the lab and outdoors. Typical projects will include but not be limited to: toboggans, snowshoes, canoes, canoe paddles, ice fishing traps, fly tying equipment and long boards. For more information on this new course see Mr. Ray or Mr. Shea. **** Spring Semester only**

CAPE ELIZABETH HIGH SCHOOL PROGRAM OF STUDIES 2011-2012

GUIDANCE DEPARTMENT

9913 Fall Senior Seminar **Unleveled 5 Credits Grade 12**

This fall semester class will provide a way for seniors to work on postsecondary planning and applications in seminar format. All seniors will take the course, which will include sessions on requesting transcripts, completing the Common Application, exploring after high school options, financial aid, etc. Seniors will be scheduled at various times for essential components and have the option of choosing other sessions to attend, such as choosing majors, selecting colleges, searching for scholarships, military options and technical/vocational schools. This course will be taught by Guidance Staff.

9901 College Study Program **Honors Credit Varies Grades 9-12**

The College Study Program allows our students to attend local colleges such as the University of Southern Maine, Southern Maine Technical College and Maine College of Art. Colleges often have Early Studies Programs that encourage juniors and seniors to enroll in appropriate college courses. More information and application guidelines are available in the Guidance Office.

9902 Independent Study Program **Unleveled Credit Varies Grades 10-12**

PREREQUISITE: Permission of instructor.

The Independent Study Program allows students to study subjects which are not offered in the curriculum. A student who wishes to study independently must complete an application (available in the Guidance Office). The student must have a faculty advisor and his/her application must be approved by the principal. Independent Study will not replace a course required for graduation. Grades will be "pass" or "fail."

9910 Distance Education **Unleveled Credit Varies Grades 9-12**

Students who wish to participate in a Distance Education program must make an application to the respective Department Head and Principal. Distance Education takes place beyond the regularly scheduled school day. To be considered for approval, a student must have a "C" minimum average in the department for which he/she wishes to study. This is an enrichment program and may not be used to take courses normally offered in the CEHS curriculum or to make up failed graduation requirements.

9921 Work Study **Unleveled Credit Varies Grades 10-12**

PREREQUISITE: Permission of employer.

Work Study allows CEHS students to receive school credit for part-time work experience of a minimum of ten hours per week. Students must have a job before applying to the program and must receive approval from their employer, counselor and the principal. Application guidelines and program requirements can be obtained through the Guidance Office. Grades will be "pass" or "fail."

Peer Tutoring for credit **Unleveled Credits vary Grades 11-12**

Over the past several years, the students working in the Achievement Center have demonstrated the tremendous power of students helping students. If you are interested in making a commitment to peer tutoring, based on your schedule availability, we are working on a plan to train peer tutors late this summer before school opens. Credit will vary depending on your time commitment and whether you have a peer tutoring commitment already through NHS. Peer tutoring cannot count as a sixth class. Express your interest in learning more about how you can hone your teaching skills and give back to others by signing up for this opportunity through the course registration process.

MATH



Graduation Requirements:
3 Years of Math

HONORS APPLICATION PROCESS

Initial requests are reviewed by the entire Math Department for approval or disapproval. The placement review could include the student's past performance in the department's courses, testing results, samples of the student's work and input from the student's current teacher.

IMPORTANT NOTE
TI-83 or TI-84
Plus Calculator Required
Algebra through Calculus



2029 Maine Learning Results Math Unleveled 5 or 10 Credits Grades 9-10

PREREQUISITE: Algebra Part I concurrently/Teacher recommendation

A student enrolled in Algebra-Part I must be enrolled concurrently in MLR Math. This course helps the student to develop more self-confidence and to achieve at a higher level in mathematics by:

- Providing remedial instruction in pre-algebra topics
- Reinforcing the concepts and skills being studied in Algebra Part 1
- Teaching graphing calculator skills
- Engaging the student in small group and on-on-one instruction
- Using computer-based and individualized tutorials, problem sets and assessments



2102 Algebra - Part I College Prep 10 Credits Grades 9 -12

PREREQUISITE:
Transition Math/teacher recommendation

This course is part one of a two part course in Algebra and uses the same textbook as CP Algebra. Focus is on in-depth study of fewer concepts. Topics to be covered include basic concepts and operations in algebra with an emphasis on solving equations and inequalities. All students taking Algebra Part I are required to take MLR Math concurrently.

2112 Algebra - Part II College Prep 10 Credits Grades 9 -12

PREREQUISITE:
Algebra - Part I/teacher recommendation

This course is part two of a two part course in Algebra and uses the same textbook as CP Algebra. Focus is once again on in-depth study of fewer concepts. Topics to be covered include graphing, linear equations and applications, exponents, polynomials, quadratics and systems of equations.



2122 CP Algebra College Prep 10 Credits Grades 9 -12

PREREQUISITE: Transition Math/teacher recommendation

This course is the introduction to the "language of mathematics". Topics to be covered include basic concepts and operations in algebra, linear equations and inequalities, word problems, graphing, exponential functions, polynomials, quadratic equations and systems of equations. Students will learn to analyze graphs through the use of technology.

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2131 Honors Geometry **Honors 10 Credits Grades 9 -12**

PREREQUISITE: Algebra/teacher recommendation

This course starts with points, lines, planes and space and builds to polygons and solid figures. Transformations are studied, starting with congruent transformations and building to similarity transformations. Logic and formal proofs are a feature of this course, as is analysis of geometric figures.

2132 CP Geometry **College Prep 10 Credits Grades 9 -12**

PREREQUISITE:
CP Algebra / teacher recommendation

This course, too, starts with points, lines, planes and space and builds to polygons and solid figures. Transformations are through congruency. Applied problems are featured in this course as is analysis of geometric figures through the use of technology.



2141 Honors Advanced Algebra **Honors 10 Credits Grades 9 -12**

PREREQUISITE: Honors Geometry/teacher recommendation

This course might be best described as, "what every high school graduate should know about mathematics." Topics to be covered include the language of algebra, variation, linear relations, matrices, systems, quadratic equations, functions, powers and roots, exponents and logarithms, trigonometry, polynomials and quadratic relations. Students will learn to analyze functions through the use of technology.

2142 CP Advanced Algebra **College Prep 10 Credits Grades 10 -12**

PREREQUISITE: 80 or better in CP Geometry/teacher recommendation

This course uses the same textbook as honors advanced algebra, but takes a longer look at fewer topics to give the student a solid base in the more important topics of the course. Students are instructed in the use of technology to understand and analyze functions. 25

2160 AP Statistics, Trigonometry & Polynomials **Adv. Placement 10 Credits Grades 10 -12**

PREREQUISITE: 85 or better in Honors Advanced Algebra/Teacher recommendation.

The purpose of the Advanced Placement course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring Data: Observing patterns and departures from patterns.
2. Planning a Study: Describing what and how to measure.
3. Anticipating Patterns: Producing models using probability theory and simulation.
4. Statistical Inference: Confirming models

Students who successfully complete the course and examination may receive credit and/or advanced placement for a one-semester introductory college statistics course. After the AP Exam in May, students will study the trigonometry of right triangles, circular functions and polynomial functions.

2161 Honors Functions, Statistics & Trigonometry **Honors 10 Credits Grades 10-12**

PREREQUISITE: Honors Advanced Algebra/Teacher recommendation.

Functions, statistics and trigonometry are areas of mathematics which come from real world situations. Each type of function is studied for its application to real-world problems. Function topics include: linear, quadratic, exponential, logarithmic, trigonometric, polynomial and circular models. Trigonometry and statistics will be reviewed and extended through practical applications.

2162 CP Functions, Statistics & Trigonometry **College Prep 10 Credits Grades 10 -12**

PREREQUISITE: CP Advanced Algebra/Teacher recommendation.

Functions, statistics and trigonometry are areas of mathematics which come from real world situations. Each type of function is studied for its application to real-world problems. Trigonometry is reviewed and extended through the basic laws. Statistics are extended through probability and simulation.

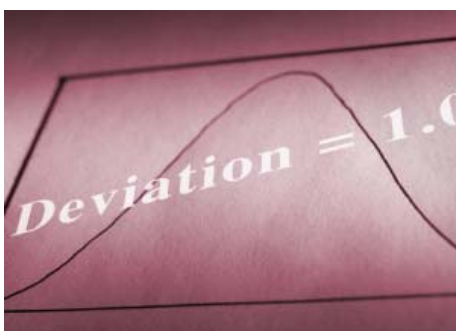
CAPE ELIZABETH HIGH SCHOOL PROGRAM OF STUDIES 2011-2012

2164 Statistics **College Prep** **10 Credits Grades 11-12**

PREREQUISITE: Honors FST/Teacher recommendation.

The purpose of this course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data at a slower pace and with fewer topics than AP Statistics. Students are exposed to four broad conceptual themes:

1. Exploring Data: Observing patterns and departures from patterns.
2. Planning a Study: Describing what and how to measure.
3. Anticipating Patterns: Producing models using probability theory and simulation.
4. Statistical Inference: Confirming models.



2171 Honors Precalculus & Discrete Mathematics **Honors** **10 Credits Grades 10 -12**

PREREQUISITE: Honors FST or AP Stats/Teacher recommendation.

The purpose of this course is to provide a knowledge of precalculus and discrete mathematics. Precalculus mathematics deals mainly with infinite and continuous processes; its subject matter includes functions of many kinds, coordinate systems, trigonometry, conics, limits, and an introduction to the basic ideas of calculus: i.e. derivatives and integrals. Discrete mathematics deals with finite and iterative processes; its subject matter includes logic, sequences, recursion, combinatorics, networks and inductive proofs. Technology will be integrated into all topics.



2170 AP Calculus-AB **Adv. Placement** **10 Credits** **Grades 11 -12**

PREREQUISITE: Honors Precalculus/Teacher recommendation.

In this course students will study the cornerstones of calculus - the derivative and the integral. Students will approach ideas through the concept of functions and will learn applications of these concepts. This course is very demanding and requires a lot of work outside of class. Students should come to this class with a strong understanding of functions, trigonometry, logarithms and exponents. Students are required to take the Advanced Placement test in May.



2180 AP Calculus-BC **Adv. Placement** **10 Credits** **Grades 11 -12**

PREREQUISITE: Honors Precalculus/Teacher recommendation.

In this course students will study the cornerstones of calculus - the derivative and the integral. The topic outline for Calculus BC includes all Calculus AB topics. Additional topics include: parametric, polar and vector functions, Euler's Method, length of a curve, antiderivatives by parts and partial fractions, improper integrals and series. Students are required to take the Advanced Placement test in May.

CAPE ELIZABETH HIGH SCHOOL PROGRAM OF STUDIES 2011-2012

SCIENCE



Graduation Requirements:

3 Years of Science; Physics, Chemistry and Biology

PROCESS FOR ALTERNATIVE PLACEMENT FROM TEACHER RECOMMENDATION

1. Obtain application from present teacher
2. Submit application and letter to Department Chair
3. Interview with Department Chair

The high school science sequence is Physics, Chemistry, Biology and Senior electives. The 9th grade program introduces 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 then finally deciding upon what can be concluded from the data. This core of scientific method is followed with the standards for writing laboratory reports and then much practice in lab report writing.



PHYSICAL SCIENCE

3111 Physical Science I - Grade 9

3112 Physical Science II - Grade 10
Diploma Level 10 credits

Prerequisite: By teacher recommendation ONLY

This is a two year course that a student will take during Freshman and Sophomore years. The emphasis of this class will be improving educational skills such as organizational and study skills. Additionally, a large part of the class will concentrate on improving a student's reading, writing, and mathematical background. This course will emphasize a "hands-on" laboratory approach which will integrate science topics and non-content skill development. Science topics will cover a wide range of disciplines from Astronomy, Geology, Physics and Chemistry. Students will be prepared to enter diploma level Biology upon completion of this 2 year sequence of courses.

PHYSICS

3101 Honors Physics

Honors 10 Credits Grade 9

The course is designed for the student desiring a strong background in all their science courses. Connections to the other sciences will be made throughout the course. Students who are successful in this class are typically taking Honors Geometry or higher. Students concurrently taking CP Algebra may be successful in Honors Physics with a strong work effort and extra time commitment. This course is taught in a more accelerated manner than CP Physics. A deeper understanding is expected. ***This course will have a single "double-lab" period for the second semester.***

3102 CP Physics

College Prep 10 Credits Grade 9

This course will cover topics in mechanics and electromagnetism in a conceptual framework. Typically, students in this course are concurrently taking CP Algebra. ***This course will have a single "double-lab" period for the first semester.***

CHEMISTRY

3301 Honors Chemistry

Honors 10 Credits Grade 10

PREREQUISITE: Successful completion of Gr. 9 Physics and teacher recommendation

This second step in the three year science sequence is similar in content to CP Chemistry; however, the material is covered with additional detail, extended applications and at a faster pace. Strong math and organizational skills and an ability to synthesize reading and laboratory experiences are assumed for students electing this level. Honors Chemistry is appropriate for students who intend to pursue science in college. ***This course will have a single "double-lab" period for the second semester.***

3302 CP Chemistry

College Prep 10 Credits Grade 10

PREREQUISITE: Successful completion of Gr. 9 Physics and teacher recommendation

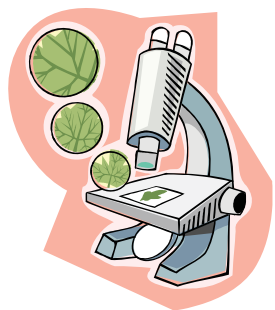
The second step in the three-year core sequence of science, CP Chemistry builds upon the fundamental concepts explored in 9th grade Physics. The course studies Chemistry historically, following the way these ideas were discovered. This gives students a strong conceptual basis for understanding chemistry principles. Concepts covered include the particle nature of the world around us, energy laws, the nature of the atomic bonds, stoichiometry, atomic structure, acids and bases, solutions and electrochemistry. ***This course will have a single "double-lab" period for the first semester.***

BIOLOGY

3201 Honors Biology
Honors 10 Credits Grade 11

PREREQUISITE: Completion of Chemistry and teacher recommendation

This course provides an introduction to the major fields of biology. Students will investigate common characteristics among the millions of organisms on this planet, as well as some of the unique features organisms possess for survival. A solid understanding of chemistry, organic molecules and some biochemistry is assumed from the successful completion of a year of chemistry. The major themes of biology will include scientific methods, the structure and function of cells, intra- and intercellular processes, taxonomy, evolution, genetics, ecology and human biology. Students electing this level of biology should be highly motivated and organized. Note taking skills, consistent laboratory procedures, the ability to learn from text and journal readings and careful attention to all assignments are essential for success in this class.



3202 CP Biology
College Prep 10 Credits Grade 11

PREREQUISITE: Completion of Chemistry and teacher recommendation

This course provides an introduction to the major fields of biology. Students will investigate common characteristics among the millions of organisms on this planet, as well as some of the unique features organisms possess for survival. A solid understanding of basic chemistry is assumed from the successful completion of a year of chemistry. The major themes of biology will include scientific methods, the structure and function of cells, cellular processes, taxonomy, evolution, genetics, ecology and human biology. Application of biological concepts, laboratory procedures, understanding of current issues in biology, organization of notes and lab reports are integral parts of this course.

3209 Biology
Diploma 10 Credits Grade 11

PREREQUISITE: Completion of Chemistry or Physical Science I & II and teacher recommendation

This course will provide a "hands-on" laboratory approach to the major fields of biology. Students will investigate common characteristics among the millions of organisms on this planet, as well as some of the unique features organisms possess for survival. The major themes of biology will include the structure and function of cells, cellular processes, taxonomy, evolution, genetics, ecology and human biology. Laboratory procedures, application of biological concepts, and the improvement of organizational and study skills are integral parts of this course.



SCIENCE ELECTIVES

3200 Advanced Placement Biology
Adv. Placement 10 Credits Grade 12

PREREQUISITE: Completion of Physics, Chemistry, Honors Biology and permission of the Science Department

AP Biology is designed for students who have a strong interest in, or desire to pursue a career in the sciences. The AP Biology course is designed to offer students topics that are covered in a college freshman Biology course. Students accepting the challenge of an Advanced Placement course will be required to actively participate in all lectures and laboratory activities that are conducted during the year.

To succeed in AP Biology students must be highly motivated to learn. Reading requirements for the course are rigorous and require a daily commitment in order to stay on target in the class. Exams generally cover 3-4 chapters in the text and occur every 2-3 weeks depending on the content being covered and the number of labs that are conducted during the unit. Laboratory activities suggested by the College Board are conducted to give the student a fair representation of a university-level Biology course. In addition to the College Board laboratories, the instructors offer additional activities to supplement the core unit effectively. Summer reading will be required. All AP students will take the AP Exam.

Note: This class is taught in two full periods for the first semester.

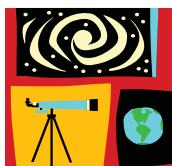
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3500 Advanced Placement Physics Adv. Placement 10 credits Grade 12

PREREQUISITE: Completion of Physics, Chemistry & Biology

This course will review the mechanics learned during 9th grade physics. Covering projectile motion, rotation and static equilibrium will complete mechanics. The course will then move to thermodynamics, waves and sound, electricity and magnetism, light and optics. If any time is left, modern physics topics such as uncertainty and mass/wave duality will be introduced. There will be frequent hands-on laboratory work for each topic, along with much problem solving in preparation for the AP test. This is a college course; the pace is fast and the workload is high. Plan on eight to ten hours of homework per week. This course is highly recommended for students who are thinking of majoring in science, engineering, pre-med or computer science. All AP students will take the AP Exam.

Note: This class is taught in two full periods for the first semester.



3671 Honors Earth Science Honors 10 credits Grade 12

PREREQUISITE: Completion of Physics, Chemistry & Biology

This is a college-level course that emphasizes broad, up to date coverage of basic topics in geology, astronomy, oceanography and meteorology. The course is a challenging and meaningful course for students with little or no background in earth science. Lab exercises combined with detailed reading assignments will help the student learn and appreciate basic principles and concepts that affect humans. Activities outside the classroom will be few but are instrumental in bridging the principles taught in the classroom with the natural occurring cycles of earth systems.

3672 CP Earth Science College Prep 10 credits Grade 12

PREREQUISITE: Completion of Physics, Chemistry & Biology

This is a challenging high school level course that uses a non-technical survey approach to teach basic concepts of earth science. Topics in geology, astronomy, meteorology and oceanography will be covered in a more deliberate pace with an emphasis on a hands-on approach. The student taking this course can expect to cover a wide range of topics with new topics introduced every two weeks. Larger themes connecting all the units will happen through teacher led discussions and videos.

3670 AP Environmental Science Adv. Placement 10 credits Grade 12

PREREQUISITE: Completion of Physics, Chemistry & Biology

This course is designed to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them.

Major themes include: Earth systems and resources, the living world, populations, land and water use, energy resources and consumption, pollution and global change. All AP students will take the AP Exam.

Note: This course will meet for a double period for the first semester and for a single period the second semester.

3711 Honors Anatomy & Physiology Honors 10 credits Grade 12

3712 CP Anatomy & Physiology College Prep 10 credits Grade 12

PREREQUISITE: Completion of Physics, Chemistry & Biology

This yearlong elective course is designed to provide students with the opportunity to gain insights into the principles of anatomy and physiology, primarily in human terms. The relationship between structures and functions will be emphasized. Instruction will include decision-making problems and the application that new findings give rise to in the sciences. The objectives of this course are for the student to have a solid understanding of the major topics, to communicate their knowledge orally in presentations to small and large groups, to communicate their knowledge and analysis in written reports and essays, to perform lab experiments in a safe, accurate and efficient manner, to observe and describe the experiment, and to summarize and support their conclusions. The text is *Introduction to the Human Body* by Tortora and Grabowski (Wiley). The major themes of Anatomy and Physiology will include body organization, cell structures and functions, tissues and membranes, and the major systems of the body: integumentary, skeletal, muscular, cardiovascular, nervous, respiratory, endocrine, digestive, lymphatic, immune, and reproductive. Independent research on selected topics in each system will be required. Additionally, a Job Shadow Project, with written and oral report and documentation, is included in the course. A variety of clinical situations are explored with each body system covered.



SOCIAL STUDIES

Graduation Requirements:

3 years, including: 1 1/2 years of World History, 1 year of American History and 1/2 year of Government



HONORS APPLICATION PROCESS

For placement in freshman honors classes, students need an average of 93 or better in the current Grade 8 Social Studies class.

For placement in sophomore, junior or senior honors classes, students in current honors level classes need to have an 85 or above average at the time of course selection. Students with an average between 80 - 92 (Grade 8) or 80 - 84 in honors classes and all college prep students (Grades 9,10 or 11) may apply for honors using the policy outlined below. Any student with an average below 80 in their current course may not apply for honors.

Applications for honors and AP courses will be available from the Social Studies teachers or the Department Chair. Depending on the course, the application may involve a letter of self-assessment, teacher recommendation, an exam, a writing assignment, a portfolio or some combination of these. There will be a deadline for applications to be received, and any applications received after that date will not be considered.

4101 Honors World History I - Foundations *Honors 5 credits Grade 9*

PREREQUISITE: 93 or better average in 8th grade Social Studies; all others must go through an application process.

This required one-semester course introduces students to the basic concepts, geography, vocabulary and skills of cultural and historical inquiry. The content focus of this course includes The State of the World in 1450 and The Age of Exploration and Discovery. Critical reading skills are honed through engagement with extensive original sources as well as difficult text material. Expository writing, note-taking and organizational skills are also advanced. This course is for students with strong skills in reading, writing, class participation and organization.

4102 CP World History I - Foundations *College Prep 5 credits Grade 9*

This required one-semester course introduces students to the basic concepts, geography, vocabulary and skills of cultural and historical inquiry. The content focus of this course includes The State of the World in 1450 and The Age of Exploration and Discovery. Students strengthen skills in Critical reading and analysis of original sources, expository writing, note-taking and organization. This course is for students who have solid skills in reading and writing.



4104 CP World History - Part A *College Prep 5 credits Grade 9*

This course is part one of a three-semester course in World History and uses the same textbook as CP World History I and II. Focus is on in-depth study of fewer concepts with substantial emphasis on building essential Social Science skills. Topics focus around the State of the World in 1750 and Revolutions.

4105 CP World History - Part B *College Prep 10 credits Grade 10*

PREREQUISITE: Completion World History I or World History Part A

This full year course is a continuation of World History Part A and uses the same textbook as CP World History I & II. Focus is on in-depth study of essential concepts with substantial emphasis on building Social Studies Skills in reading, writing, research and conceptual thinking. Content Focus will include a study of the Industrial Revolution, Modern Economic Systems and 20th Century World Wars. Students will present research on a contemporary world issue in a public presentation with the entire Sophomore class.

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4201 Honors World History II -Modern Honors **10 credits** **Grade 10**

PREREQUISITE: An 85 average or better in Honors level World History I or its equivalent; all others will need to apply for admission.

This required full year course is a continuation of World History I. The class asks students to analyze the makings of the modern world while continuing to build skills in research-based writing and argument-design. Beginning with the European Enlightenment, students compare revolutions in the American English Colonies, France and Latin America. Focus then shifts to the Industrial Revolution and development of Modern Economic Systems and Communist Political Movements. Through economic, political and social lenses, students assess the reasons for and impacts of Imperialism in different parts of the world. World Wars I & II provide the stage for an examination of contemporary 20th century issues including economic interdependence, the Cold War conflicts and the development of organizations for multi-lateral decision-making. Finally, students will elucidate a contemporary world issue in a formal presentation to the public. This course is for students with excellent skills in reading, writing, class participation and organization.

4202 CP World History II -Modern College Prep **10 credits** **Grade 10**

PREREQUISITE: Completion of World History I or equivalent course.

This required full year course is a continuation of World History I. The class asks students to analyze the makings of the modern world while continuing to build skills in research-based writing and argument-design. Beginning with the European Enlightenment, students compare revolutions in the American English Colonies, France and Latin America. Focus then shifts to the Industrial Revolution and development of Modern Economic Systems and Communist Political Movements. Through economic, political and social lenses, students assess the reasons for and impacts of Imperialism in different parts of the world. World Wars I & II provide the stage for an examination of contemporary 20th century issues including economic interdependence, the Cold War conflicts and the development of organizations for multi-lateral decision-making. Students will build up reading, writing and research skills as they pursue understanding of major world issues and conflicts throughout the year. Finally, students will elucidate a contemporary world issue in a formal presentation to the public.

4300 AP U.S. History **Adv. Placement** **10 credits** **Grade 11**

PREREQUISITE: Completion of World History II and Department Recommendation

This course is intended to be the equivalent of an introductory college course in American History and it is required that students will take the AP exam offered for college credit in May. This course examines the history of the United States from colonial times to the present day. Dynamic and active class preparation and participation are essential.

4301 Honors U.S. History **Honors** **10 credits** **Grade 11**

PREREQUISITE: An 85 average or better in Honors World History; all others will need to apply for admission.

This required course examines the history of the United States from the Declaration of Independence to the present day, with the greatest emphasis being placed on the 20th century. By focusing on the social, economic and political threads in our history, we attempt to answer the question: "How and why did we get where we are today?" This course is for students with excellent reading and writing skills, high motivation, and

4302 CP U.S. History **College Prep** **10 credits** **Grade 11**

This required course examines the history of the United States from the Declaration of Independence to the present day, with the greatest emphasis being placed on the 20th century. Emphasis is placed on the political, economic and social parts of history, with a focus on causal relationships and results of events throughout our history. Textbook assignments and independent research are important parts of this course.

4309 U.S. History **Diploma** **10 credits** **Grade 11**

This course will cover the most essential material described in 4302 but with the focus placed on skill development.



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GOVERNMENT

4400 AP Government
Adv. Placement 10 credits Grade 12
Important Note: This is a full-year course.

PREREQUISITE: Completion of American History and Department Recommendation

Advanced Placement U.S. Government is a rigorous full-year introduction to the American political system. Although the basic "nuts and bolts" of government processes are covered, the course seeks to improve students' skill in analysis, evaluation and persuasion (both written and oral). To achieve this objective, the course is both reading and writing intensive. Students are required to give frequent formal and informal oral presentations of various sorts. Students are required to take the AP exam in May. Those who successfully complete AP Government will be prepared for the AP Test and will understand how our government operates.

4401 Honors Government
Honors 5 credits Grade 12

PREREQUISITE: Completion of Honors American History with an 85 average or better; all others need to apply.

This required course deals with the workings of the American government and your role as an American citizen. The course focuses not only on the mechanics of the government, but also on the application of these concepts to contemporary public policy issues. This course is for students with excellent reading and writing skills, high motivation, and an interest in politics and issues.

4402 CP Government
College Prep 5 credits Grade 12

PREREQUISITE: Completion of American History.

This required course deals with the workings of the American government and your role as an American citizen. The course focuses not only on the mechanics of the government, but on differences in political party platforms. The course also examines America's role in the world today.



SOCIAL STUDIES ELECTIVES

4602 Facing History & Holocaust Studies
Unleveled 5 credits Grades 9-12

This course begins with a focus on events surrounding the attempted Nazi genocide of Jews during World War II. Students will examine both the history of the event and the moral and ethical questions it raises. Additionally, students will explore other incidences of genocide throughout history and into the present. Activities will include outside reading, creative projects and discussion-based films.

4622 Contemporary World Issues
Unleveled 5 credits Grades 11-12

What is the role of the United States in the world? Should international drug companies be forced to give life saving aids medicines to 3rd world countries? What happens when the rain forest is gone? Can the United Nations effectively deal with international conflicts? This modern media, technology and research-based class will focus on major world issues with particular emphasis on the Middle East. Simulations, debates and projects connect the classroom to the "real world."

4612 Maine Maritime History
Unleveled 5 credits Grades 9-12
Spring semester only

This course will explore Maine's rich maritime history from Colonial times to the early 20th century. It will include field trips to historical sites and museums. The course will conclude with a discussion of public policy on maritime issues such as commercial fishing and waterfront usage.

4651 Philosophy & Ethics
Honors 5 credits Grades 9-12

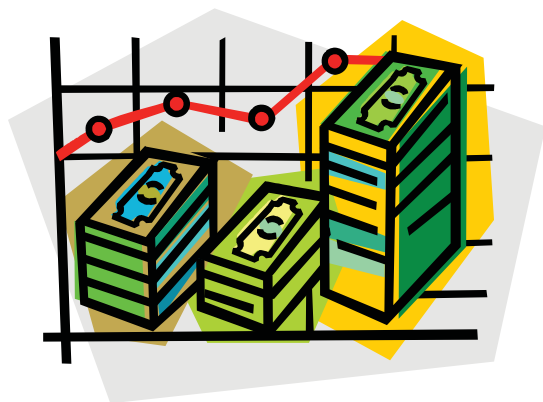
PREREQUISITE: Completion of World History I or equivalent course

This elective is designed to introduce students to the fundamentals of philosophy. Students will enhance their critical, creative and responsible thinking and presentation of ideas; reflect upon various methods for approaching and solving problems; and challenge their minds with alternative viewpoints. Students will engage with historical and modern philosophers and dilemmas through primary and secondary source reading, film, simulations, debate and regular reflective writing. After an orientation to philosophical thinking, ethics, and epistemology, topics may include the nature of reality, logic, love, social and political philosophy, aesthetics, or law and public policy.

SOCIAL STUDIES ELECTIVES
Economics

4632 CP Economics
College Prep 5 credits Grades 11- 12

This elective course is designed to provide students with a foundation in macroeconomic theory and a working understanding of the U.S. economic and financial systems. Contemporary economic problems such as budget deficits and surpluses, inflation, and government policy will be examined.



4631 Honors Economics
Honors 5 credits Grades 11- 12

PREREQUISITE: 85 or higher in current Honors Social Studies course or by application.

This elective course is designed to provide students with a foundation in macroeconomic theory and a working understanding of the U.S. economic and financial systems. The values and beliefs of economic systems are explored through a unit on economic philosophy. Contemporary economic problems such as budget deficits and surpluses, inflation, and government policy will also be examined. The course ends with a study of the global economy.

4633 AP Macroeconomics
Adv. Placement 5 credits Grades 11- 12

PREREQUISITE: Department Recommendation

This is a semester course designed to offer students an introductory, but rigorous, exposure to macroeconomics. The course is intended to provide students with the same type of experience they would encounter if taking macroeconomics at a typical college. Topics will emphasize: analysis of measures of economic health; the business cycle and economic fluctuations; the role of fiscal policy, including the implications for the national debt; an examination of stock and bond markets, and the role of the Federal Reserve in the economy; and, lastly, an evaluation of the bases and implications of international trade. This course will stress the application of analytical skills. Basic mathematical and graphing skills will be reviewed at the beginning of the course, but it is expected that students entering the course already have a strong background in these areas. Additionally, a strong knowledge of US history will further enhance students' understanding of economic policy.

4634 AP MicroEconomics
Adv. Placement 5 credits Grades 11- 12

PREREQUISITE: completion of Macro-Economics and Department Recommendation

This is a semester course designed to offer students an introductory, but rigorous, exposure to microeconomics. The course is intended to provide students with the same type of experience they would encounter if taking microeconomics at a typical college. Topics covered will include: examination of how free markets work and why government intervention can often be ineffective; business strategy; government endeavors to prevent the consolidation of market power among firms; how labor markets function and the efficacy of raising the minimum wage; and, lastly, analysis of how and why free markets sometimes fail and what the government can do to remedy such failures. This course will stress the application of analytical skills. Basic mathematical and graphing skills will be reviewed at the beginning of the course, but it is expected that students entering the course already have a strong background in these areas. Additionally, a strong knowledge of US history will further enhance students' understanding of



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TECHNOLOGY

Graduation Requirements:

at least 1/2 Year of Technology (refer to page 2)

Courses available for credit in technology or other departments are as follows:

- Journalism - Technology or English
- Architectural Design - Technology or Fine Arts

7009 General Technology I

Unleveled 5 credits Grades 9-12

General Technology I is a broad based course in technology. Students will have the opportunity to explore a wide range of areas including: residential electricity, basic home maintenance, electronics, welding, machine tools & bench work, basic automotive maintenance, small engine maintenance and more. All units are hands-on projects done in the Technology lab.

7019, 7029 Technology II / III

Unleveled 5 credits Grades 9-12

PREREQUISITE: General Technology I

Students who elect to take Tech II or Tech III will undertake an advanced project that will encompass one or more of the areas studied in General Technology I. Students should meet with the instructor for prior approval of their desired project or to outline other possibilities. The course can be structured for one or two semesters. Examples of past projects are: boat trailer, utility trailer, log splitter, go-kart, fly tying vise.



7059 Architectural Drafting I

Unleveled 5 credits Grades 9-12

Students will develop assigned residential architectural working drawings. Emphasis will be placed on how to draw a set of plans using standards and techniques that are common to the industry. Attention to standard design, methods, materials and building codes will also be emphasized. This course is the first step towards Architectural Design and other drafting and design opportunities.

7069 Architectural Design

Unleveled 5 credits Grades 9-12

PREREQUISITE: Architectural Drafting I

Students may opt to continue their Architectural Drafting experience by taking Architectural Design. Emphasis will be placed on solutions to assigned design problems while the expectations of quality plans will still have significant priority. Students will need to draw on their experience in Architectural Drafting I to expect reasonable success in Architectural Design. Use of CAD software may be employed. This course counts towards fulfillment of a student's art credit or technology credit.



7079 Boatbuilding

Unleveled 10 credits Grades 10-12

PREREQUISITE: Successful completion of Woodworking I

Boatbuilding can be elected as an independent study. This is a one year course. The student will build a boat of his or her choice taking into consideration limitations of space and time. Examples of boats done in the past are: sea kayak, canoe, small skiff, small power boats.



7089 Woodworking I

Unleveled 5 Credits Grades 9-12

Woodworking is a project based course where students will develop skills and knowledge in the use of tools, equipment, and materials typically used in the field of woodworking. This will be achieved through the development of assigned and student selected projects. Students may elect to schedule Woods I for a half-year and receive 5 credits or choose to continue on into Woodworking II for the second half of the year.

7099 Woodworking II

Unleveled 5 credits Grades 9-12

PREREQUISITE: Woodworking I

Woodworking II is a continuation of Woodworking I. This is also a project based course where students will develop advanced skills and knowledge in the use of tools, equipment and materials typically used in the field of woodworking.

New Offering!

7150 Adventure Technology
Unleveled 5 credits Grades 12

PREREQUISITE: Woods I or Tech I and PE I & II or instructors approval - Mr. Ray or Mr. Shea

Using traditional Maine woodworking skills, students will build their outdoor adventure equipment and then put their work to the test during outdoor adventures. This is a hands on class that will be held both in the lab and outdoors. Typical projects will include but not be limited to: toboggans, snowshoes, canoes, canoe paddles, ice fishing traps, fly tying equipment and long boards. For more information on this new course see Mr. Ray or Mr. Shea. **** Spring Semester only**

7139 Keyboarding & Word Processing
Unleveled 5 credits Grades 9-12

This semester course enables students to develop touch-typing skills and then improve on them as they complete basic word processing tasks. An integrated software package combines keyboarding with a popular word processing program, where students will learn to create and format standard business documents. Progress will be made at individual rates, but all students will be evaluated on speed, classwork, tests, and production activities.

7159 Personal Finance

Unleveled 5 credits Grades 10-12

This course will cover the basics of personal finance and accounting principles. Students will learn that "cash flow" is an important personal and business concept. They will write checks, reconcile bank statements, understand credit card benefits and risks, and learn about insurance. Students will also learn about personal property, loans, renting an apartment and how to be a more informed and confident money manager. What's a budget? It's time to find out!

7189 Multimedia and Image Management
Unleveled 5 credits Grades 9-12

This course will help prepare students for the increasingly visual world of work and play. A variety of media will be examined in learning to manage and manipulate file types, digital images and animation. Students will work with FantaMorph, Photoshop and Flash. A basic understanding of Windows and graphics is helpful but not required.



7209 Digital Design
Unleveled 5 credits Grades 9-12

The goal of this course is to offer students a broad overview of computer design technology and to show how personal computers are used in the graphics industry. The focus will be on print publications such as logos, advertisements, posters, brochures and newsletters. Students will become comfortable with typography, page layout and related technology using Adobe InDesign and PhotoShop. They will develop their skills by completing a variety of projects using effective design elements and principles. Optional: \$5 lab fee to purchase student's font design.

7219 Web Site Design
Unleveled 5 credits Grades 9-12

Specifically targeted toward students who have **no prior experience** with HTML or any web design software, this class covers basic tags, links, images, colors and tables, and a brief lesson in Photoshop before we move into Macromedia Dreamweaver and (time allowing) Flash. Students must be at ease with a computer, either Windows or Macintosh operating system experience is acceptable. The class is portfolio-based, with two projects in each quarter as well as a number of assigned tasks. This is a hands-on, fast-paced class, not a good choice if there is a possibility that several classes will be missed. Students who have some prior experience with HTML should investigate an advanced class.

7227 Yearbook
Unleveled 10 Tech credits Grades 9-12

PREREQUISITE: Permission of the Instructor required.

This class will take students through the entire planning and execution process related to the production of the school's yearbook. Students will be expected to meet deadlines, demonstrate professionalism, engage in problem solving, take a leadership role, and bring a positive attitude and commitment to completing the yearbook on time. They will be involved in book and ad sales, section layouts, budgets, photography, and design. It will require a commitment to covering events outside the school day and on weekends if necessary.