

Masconomet's Mission and Expectations for Student Learning are outlined below. The expectations are coded and are cited in each course description in the Program of Studies. Each course is expected to address one or more of the learning expectations.

Learning Is Life

The Masconomet High School community believes that learning enables us all to achieve ambitious personal goals, develop fine minds, and build strong character. Therefore, we foster the acquisition of attitudes, skills and knowledge necessary for life-long learners to think critically in order to participate in a global society.



Upon graduation, students will have demonstrated that they have embraced this mission by meeting the following academic, social and civic criteria:

Academic Expectations

- Students will communicate effectively. **A1**
- Students will demonstrate mathematical competency. **A2**
- Students will use problem-solving skills. **A3**
- Students will use a variety of technological and informational resources to gather, analyze, and synthesize facts, results, ideas and concepts. **A4**

Social Expectations

- Students will assume responsibility for their own behaviors. **S1**
- Students will contribute to the well-being and welfare of others within the school community. **S2**
- Students will demonstrate respect for themselves and others. **S3**

Civic Expectations

- Students will participate in decision making and team building activities. **C1**
- Students will demonstrate and practice an understanding of the rights and responsibilities of global citizenship. **C2**
- Students will make positive contributions to the community. **C3**

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MASCONOMET REGIONAL HIGH SCHOOL

BOXFORD, MASSACHUSETTS

Masconomet Regional High School offers students a comprehensive course of studies over a four-year school experience. This booklet will assist you in making selections consistent with your plans for the future.

We ask that all parents and students carefully study this booklet before choosing courses for the next school year. Guidance counselors and teachers should be consulted when questions arise. Department Heads, teachers and counselors will devote the times listed below to provide assistance to students and their parents in the course selection process. The following dates have been established to assist you in the course selection process.

January 29 —February 4, 2009

Special arrangements will be made for students to receive assistance throughout the school week regarding course selection

Wednesday, January 28, 2009

Assemblies will be held to discuss course selection with students in Grades 8-11

**Thursday, January 29, 2009 —
7:00-9:00 p.m./Auditorium and Student
Dining Hall**

A special meeting will be held for parents to discuss the High School program and the course selection process. Members of the Administration and Counseling Staff will make the group presentation and will be available to answer questions. Department Heads and selected teachers will also be available in the Large Student Dining Hall to answer your specific questions.

Wednesday, February 4, 2009

All Course Selection/Planning forms are due from students and parents to homeroom teachers on or before this date. Student requests received after this date will be scheduled on a random basis. Delay may jeopardize the student's opportunity to take all of his/her desired courses.

Thursday, February 5, 2009

Students will complete a computer-generated course Selection Form during Homeroom on Thursday, February 5, 2009

AFFIRMATIVE CURRICULAR ACTION

The Masconomet Regional School District complies with and actively supports the intent of Title IX, Chapter 622, Section 504. In accordance with this legislation, Masconomet encourages all students, regardless of their sex, race, religion, color, national origin, sexual orientation, or physical handicap, to select any of the courses or programs described in the Program of Studies.

GRADUATION REQUIREMENTS

The following are the MINIMUM requirements for a Masconomet Diploma.

1. CREDITS – 110 credits to be earned
2. COURSES to be included in the 90-credit requirement:

English (9, 10, 11, 12)	20 credits
Social Studies (9, 10, 11)	15 credits
Mathematics	15 credits
Science (at least one year of a life science and one year of a physical science)	15 credits
Foreign Language (in same language)	10 credits
Health	2.5 credits
Physical Education (2 of these must be earned by taking PE classes)	4 credits
Community Service (10 hours per year)	40 hours

3. All students must carry a course load of seven full-year courses, or the equivalent, as part of the Time on Learning regulations. Some students may be enrolled in one Directed Study.
4. The Board of Elementary and Secondary Education for the Commonwealth of Massachusetts mandates that every student meet the competency determination defined below in order to be eligible for a diploma from a public high school. Students in the classes of 2010 and beyond must score at least 220 on the MCAS tests in English Language Arts, Mathematics and on one of the MCAS Science tests. In addition, students who score below 240 on the grade 10 MCAS English language Arts and/or Mathematics tests must be placed on an Educational Proficiency Plan (EPP). In order to successfully fulfill the EPP's requirements for graduation, students will have to continue to take and pass English and/or Mathematics classes during both junior and senior years. The plan will be developed by the student and the appropriate department chair(s) in the fall of junior year. Student progress will have to be reviewed at annual meetings in the spring of both junior and senior years. This requirement is fulfilled when the student passes each course as well as the mid year and end of the year exams in each course. Starting with the class of 2012, students must also score at least 220 in the high school MCAS U.S. History test.

DIFFERENTIATED DIPLOMAS

In an effort to recognize excellence and to more accurately describe each student's status upon completion of his or her high school experience, Masconomet will differentially award diplomas based on the following criteria:

A. Diploma

1. Completion of all required courses
2. Completion of 110 credits plus community service hours

B. Honors' Diploma

All the requirements for the Diploma described in "A" and a Grade Point Average of 4.500 (Cumulative Grade Point Average at the end of the third quarter of the senior year). G.P.A. for early graduates is cumulative through their last semester of attendance.

EARLY GRADUATION

Under certain circumstances, by authority of the Superintendent, a student may complete his/her requirements for the Masconomet Diploma in fewer than the typical eight semesters. Procedures for filing the request for early graduation are outlined in the Calendar Handbook. A student must file his/her request before May 30 of the year preceding his/her projected date of graduation. In consultation with the student's counselor, the application procedure should begin during the course selection process in the spring of the student's Junior year. Each request is evaluated on an individual basis and the granting of the request by the School Administration is deemed a privilege, not a right.

COURSE LEVELS

We group courses into three levels to provide students with information concerning the relative sophistication of the courses offered at Masconomet. College Preparatory-2 courses are the least abstract and Honors courses are the most abstract. The specific criteria listed below and in individual course descriptions, combined with the recommendation of the student's current teacher, will provide accurate course placement. It is hoped that this information will help the student select courses at a level which is consistent with his/her needs, abilities and future plans.

Courses classified as Honors or Advanced Placement level are given this title in the Program of Studies and on the student's transcript. These courses include the most rigorous and intellectually challenging educational experiences at Masconomet. It is strongly suggested that students with excellent academic ability and high motivation elect courses from this level. It is a rare student who can successfully complete a program composed entirely of Honors level courses, although it is done.

Most of our students elect courses at the College-Preparatory level. Local studies have shown that students who take most of their courses at this level, and do well, readily gain acceptance to excellent colleges and universities.

Students who are experiencing some difficulty in a particular academic area might select some of their courses at the College-Preparatory-2 level. These courses emphasize concrete learning experiences and proceed at a slower pace than do other courses. In many programs, successful students will move on to College-preparatory courses during their high school experience.

It is expected that students will use the Program of Studies and guidance from their parents, peers, teachers and counselors to select courses that meet their individual needs. It is not expected that any student will select all of his/her courses from one level. Given the rigor of our Honors program students should seek guidance from their counselor before selecting all their courses from this level.

The following symbols are used to indicate course classification: College-Preparatory-2 = CP-2; College-Preparatory = CP; Honors = H, Advanced P

SELECTION CRITERIA

Student selection of phase level (College Preparatory-2, College Preparatory, Honors or Advanced Placement) must receive the endorsement of the student's teacher. Prerequisites exist for admission to many courses. These prerequisites are identified in the course descriptions.

Endorsements and approvals for admission to Honors and Advanced Placement courses will be based on the criteria outlined below.

CRITERIA FOR ADMISSION TO HONORS LEVEL COURSES

The student must demonstrate:

1. proficiency in the subject by attaining a minimum grade of "A-" in the college-prep level or non-phased prerequisite course in the sequence;
2. consistent punctual performance of assigned tasks;
3. strong study skills;
4. a positive attitude toward learning;
5. willingness to take responsibility for his/her learning;
6. the ability to:
 - a. do rigorous research independently;
 - b. write coherent, logical and mechanically correct essays;
 - c. retain factual information;
 - d. initiate and participate in classroom discussions;
 - e. acquire and retain factual and conceptual material from resources other than the teacher;
 - f. reason abstractly.
7. a high level of ability and achievement as measured against national standards by scoring at or above the 90th national percentile rank on our most recent norm referenced tests.

If the teacher does not endorse the student's selection, the student may appeal the teacher's decision to the Department Head and then to the Principal whose decision will be final.

CREDITS REQUIRED TO PROGRESS TO NEXT GRADE

Students must accumulate a minimum number of credits in order to move on to the next grade with their class. The following credits are required to progress from:

Grade 9 to Grade 10	19 credits
Grade 10 to Grade 11	46 credits
Grade 11 to Grade 12	75 credits

ADVANCED PLACEMENT PROGRAM

Advanced Placement courses are offered in Art, English, Foreign Language, Math, Science, History, Computer Science and Psychology. These courses are college-level learning experiences and serve as a natural culmination of the Honors Program. Students who successfully complete an Advanced Placement course will be prepared for and are expected to take the Advanced Placement Examination offered by the College Entrance Examination Board. Students may receive credit or advanced standing at participating colleges based on their performance on these tests. Each student should become aware of the credit/advanced standing policies of the colleges to which he/she will apply.

GRADE POINT AVERAGE/RANK IN CLASS

Rank in class is calculated using a weighted system based on the academic rigor of the courses in the student's program. All major courses will be used in this calculation.

Grade weights are assigned as follows:

<u>Grade</u>	<u>College-Prep -2</u>	<u>College-Prep</u>	<u>Honors/Advanced Placement</u>
A+	4.3	4.8	5.3
A	4.0	4.5	5.0
A-	3.7	4.2	4.7
B+	3.3	3.8	4.3
B	3.0	3.5	4.0
B-	2.7	3.2	3.7
C+	2.3	2.8	3.3
C	2.0	2.5	3.0
C-	1.7	2.2	2.7
D+	1.3	1.8	2.3
D	1.0	1.5	2.0
D-	.7	1.2	1.7
F	0	0	0

N.B. Independent Study courses, Physical Education, Internships and Senior High School courses taken before entry to Grade 9 will not be used to calculate a student's G.P.A.

MINIMUM ENROLLMENT

Courses described in the Program of Studies are expected to be available; however, courses with an enrollment of 14 or fewer students may not be conducted. This will apply to all courses, including those which culminate a sequence such as the fifth year of a foreign language or an Advanced Placement course. Students will also not be able to drop a course whose enrollment is at the minimum enrollment of 14 or below. In addition, all elective courses will be offered pending approval of the budget.

PLANNING FOR ENTRANCE EXAMINATIONS

In selecting courses, parents and students may wish to consider College Entrance Examination Board test dates. Most colleges require SAT Reasoning Test (SAT I) or the American College Testing (ACT); some require the SAT (II) Subject Test in one to three subject areas. The following content areas are currently tested by the SAT Subject Tests: English, Literature, French, German, Hebrew, Latin, Spanish, Italian, American History and Social Studies, European History and World Cultures, Mathematics Level I, Mathematics Level IC, Mathematics Level IIC, Biology, Chemistry and Physics. Typically, most Juniors take the Preliminary Scholastic Aptitude Test (PSAT's) in the fall of the eleventh grade; this is a trial run for the SAT's as well as initial testing for National Merit Scholarship Awards. The Guidance Department recommends that juniors take the SAT Reasoning Test in May and the SAT Subject Test in June. Most colleges that require the SAT Subject Test want students to take Math Level I or II, and a third test of their choice. Students should not take the English or Math SAT Subject Test prior to the end of their year. In general, admission tests should be taken according to the following schedule:

Grade 11	October	PSAT's
Grade 11	May	SAT Reasoning Test
Grade 11	June	SAT Subject Tests
Grade 12	October	SAT Reasoning or SAT Subject Tests
Grade 12	November	SAT Reasoning or SAT Subject Tests
Grade 12	December	SAT Reasoning or SAT Subject Tests

Parents and students should take advantage of the extensive multi-media reference materials on two and four-year colleges, SAT preparation, financial aid, careers, etc., in the Career Center in the Guidance Area. Many college catalogs are filed in this location and can be routinely consulted when specific entrance requirements for given schools are being considered. The Career Center staff is always available to assist students in researching any areas of interest. Please make an appointment during any free period or after school. In addition, the computerized College Search Programs and college websites or DVD's are very helpful in a student's college/career search.

Review for Math and Critical Reading and Writing sections of the SAT Reasoning tests is an integral part of SAT preparatory courses. Courses are offered in the evening at Masconomet for review of all three portions. For more information, see your counselor.

To assist college-bound students in making their course selections, the following are general guidelines which provide information regarding Minimum College Requirements. Some exemptions exist for Special Education Students. **IF YOU HAVE A QUESTION, SEE YOUR COUNSELOR!!!** Each student should pursue the broadest academic program available at Masconomet.

GUIDELINES FOR POST-SECONDARY EDUCATION

LIBERAL ARTS COLLEGE

English	- 4 years	
History/Social Studies	- 3 years	
Math	- 3-4 years	(College-prep or Honors Level)
Foreign Language	- 3-5 years	(course during senior year strongly recommended)
Lab Science	- 2-3 years	

FOUR-YEAR SCIENTIFIC COLLEGE (Engineering, etc.)

English	- 4 years
History/Social Studies	- 1-2 years
Math	- 4 years (College-prep Level minimum through Precalculus)
Foreign Language	- Desirable, but occasionally optional (2 years usually required)
Lab Science	- 3-4 years

JUNIOR COLLEGE - Masconomet Diploma
Specific programs have distinct requirements.

R.N. NURSING

- Same as for Liberal Arts, but must have Biology and Chemistry; Physics and/or Human Anatomy and Physiology recommended.
- Four-year degree programs usually require a foreign language.
- Two-year degree programs have requirements similar to four-year programs.

TECHNICAL SCHOOL (Requirements vary depending on programs; such as Wentworth's Certificate or Associate Degree Program)

English	- 4 years
History/Social Studies	- 1-2 years
Math	- 3-4 years minimum through Concepts of Algebra II
Science	- 2-4 years minimum Chemistry in the Community
Related Technical and Business Education	- Technical schools are occupationally oriented. High school courses which provide excellent background include Computer-Assisted Drafting, Computer Science, Accounting, etc.

MINIMUM CURRICULUM REQUIREMENTS FOR ENTRANCE TO MASSACHUSETTS UNIVERSITIES

The minimum entrance requirements for state universities include 16 units of college-preparatory course work.

English	4 years, college-preparatory
Math	3 years, college-preparatory (Algebra I and II, & Geometry/Trigonometry; a fourth year is recommended)
Sciences	3 years (two units with laboratory, e.g. Biology, Chemistry, Physics)

Social Sciences	2 years
Foreign Language	2 years of the same language (3 or more years recommended)
Electives	3 years, chosen from English, Math, Natural Sciences, Social Studies or Foreign Language

Students planning to attend one of the state universities should be attuned to the continuing discussion about requirements for particular schools. If you have questions or concerns, do not hesitate to discuss issues with your counselor.

HIGHER EDUCATION COORDINATING COUNCIL'S MINIMUM ADMISSIONS STANDARDS

Minimum Grade Point Average (G.P.A.): A minimum grade point average in college-preparatory course work at the end of the seventh semester is required for Category I - Freshman Applicants. Honors and Advanced Placement level courses should be given extra weight.

ALL PUBLIC COLLEGES & UNIVERSITIES

For students whose G.P.A. falls below 2.7, the provisional sliding scale below will apply. (The final sliding scale will be approved after outcome analyses of graduation rates in relation to high school G.P.A.'s and SAT scores.)

<u>G.P.A.</u>	<u>STATE COLLEGE</u>		<u>UMASS</u>	
	<u>SAT</u>	<u>ACT</u>	<u>SAT</u>	<u>ACT</u>
2.51-2.99	920	(19)	950	(20)
2.41-2.50	960	(20)	990	(21)
2.31-2.40	1000	(21)	1030	(22)
2.21-2.30	1040	(22)	1070	(23)
2.11-2.20	1080	(23)	1110	(24)
2.01-2.10	1120	(24)	1150	(25)

Standardized Exam: Standardized test scores, such as the SAT, measure the math and verbal reasoning skills that may be related to a student's success in college. These scores supplement a student's secondary school record and, along with other factors, provide the necessary information to assess a student's preparedness for college-level work. Minimum standards established by the Higher Education Coordinating Council do not impose a specific cut-off score for admissions to the State Colleges or University. However, students must submit scores and those scores should be a factor in the admissions selection process.

Either the SAT or the ACT will be required for students* applying for admission within three years of high school graduation. Applicants for whom English is a Second Language (ESL) may substitute scores from the Test of English as a Foreign Language (TOEFL) or from the SAT Subject Test: English Language Proficiency Test (ELPT). A minimum SAT or ACT score will not be required as a condition for admission for students with a weighted G.P.A. of 2.6 or higher in college-preparatory course

work. For students with a weighted G.P.A.. between 2.0 and 2.59, the sliding scale will apply (see minimum G.P.A. section).

- Students with documented learning disabilities are exempt from taking any standardized college entrance aptitude test for admittance to any public institution of higher education in the Commonwealth (M.G.L. Chapter 15A, Sec. 30). Therefore, the minimum G.P.A.. for such students is 2.0. If questions arise, contact www.Mass.Edu.

COMMUNITY COLLEGE

- Academic preparation varies according to the program selected.
- For Liberal Arts or other transfer programs, the requirements are the same as for Junior College.
- For terminal programs, the student's high school record, motivation and strong school endorsement are critical.

LEARNING DISABLED STUDENTS

In August, 1983, Governor Dukakis signed into law Section 19 of Chapter 344 of the Acts and Resolves stating that "No resident of the Commonwealth who has been diagnosed as being developmentally disabled, including but not limited to, learning dyslexia or other specific language disabilities, by any procedure prescribed by Chapter 71B, or equivalent testing, shall be required to take any standardized college entrance aptitude test to gain admittance to any public institution of higher education in the Commonwealth. Admission shall be determined by all other relevant factors excluding standardized achievement testing." The State schools have traditionally based admission decisions on a variety of criteria, recognizing the student's secondary school transcripts as the primary component. They expect SAT's to support the transcript and have never used them as the sole determinant in the decision-making process. However, they are regarded as an important secondary factor. Since they can no longer require SAT's from learning-disabled students, they are inclined to place a greater emphasis on high school performance when making decisions regarding such students. Recommendations from teachers and counselors will take on increased significance in the evaluation process. If you have questions or concerns, do not hesitate to discuss specific issues with your guidance counselor.

ART DEPARTMENT

The Masconomet Art Department has gained a national reputation for outstanding achievement through the accomplishments of its students and faculty. We take pride in our solid program, which not only emphasizes the making of art and solving complex visual problems, but also encourages the ability to verbalize about art. The art program is open to all students of varying levels of ability and experience.

The art courses offered provide a sequential program of experiences, culminating in Advanced Placement Studio Art, that will enable the future artist to pursue post-secondary education in art or to continue making quality art as an avocation. In addition, a wide selection of art courses is available for those students who would like to explore various aspects of art in greater depth. These include Photography I; Photography II; Photography III; Photography IV; Digital Photography, Electronic Imaging, Graphic Design I and II; Drawing; Painting; Sculpture; Ceramics I, Ceramics II, A.P. Art History, Introduction to Fashion Design; and a desktop publishing course, "Media Communications-Yearbook." In addition, two year-long courses are offered jointly by two departments—Architecture (Art and Science/Technology) and Web Design (Art and Business). Priority in enrollment will be given to twelfth, eleventh, tenth, then ninth grade students in classes which are oversubscribed.

There are times when we will request that students purchase limited amounts of supplies. This is done, for the most part, so that students can continue to work on projects at home. The types of supplies requested are generally limited to tools and materials that will be used more than once--pencils, erasers, adhesives, X-Acto knives, sketchbooks, etc.

In Photography classes, students will be responsible for purchasing film and print paper. We have found that there is far less waste with this type of system because the students use the materials more cautiously when their families are paying for them. Photography I, II, III & IV students are also responsible for providing their own 35 mm, single lens reflex (SLR), manually operated camera to work with throughout the course. Photo III & IV students may work chemically or digitally. Those choosing the digital option should have access to a digital camera. Digital Photography students should as well.

SEQUENCE OF ART COURSES

Students in the Art Studio sequential program will have the option of electing courses for either college-prep or honors credit. Students electing honors credit will be responsible for keeping an active sketchbook and completing one major additional independent art project during each marking period.

COLLEGE PREP

Art Studio I (CP)	Art Studio II (CP)	Art Studio III (CP)	Art A.P. (AP)
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OR

HONORS

Art Studio I (H)	Art Studio II (H)	Art Studio III (H)	Art A.P. (AP)
7101 CP	<u>Art Studio I</u> (9, 10, 11, 12) A1, A3, S1, S3, C1, C2, C3		Full Course-5.0 Cr.
7001 H	This course introduces students to many of the possibilities that the studio has to offer. Students will solve visual problems in the following areas: drawing, painting, sculpture, printmaking, clay, design and illustration. Art appreciation in its relationship to different media will be incorporated throughout the year-long curriculum. Students at all levels of ability and experience are encouraged to begin their journey into the high school art program here!		
7301 CP	<u>Art Studio II</u> (10, 11, 12) A1, A3, A4, S1, S3, C1, C2, C3		Full Course-5.0 Cr.
7002 H	Continuing on the journey from Art Studio I, students will expand their knowledge about artmaking but in a thematic way. Artists through time have contemplated ideas in related series. Themes such as "In Search of Self," "Issues of Scale," "Organic vs. Man-made," etc., have been explored in the past. All work created during the year relates to the theme and bridges from one problem to the next, thus allowing students the opportunity to begin to think and work as artists do. Assignments will be designed to address the selected theme through the following studio areas: drawing, painting, printmaking (silk screen and intaglio), collage, design, sculpture, ceramics, and mixed media. Art appreciation is, of course, incorporated into the curriculum as appropriate. All students electing Art Studio II must have successfully completed Art Studio I and have teacher approval.		
7401 CP	<u>Art Studio III</u> (11, 12) A1, A3, A4, S1, S3, C1, C2, C3		Full Course - 5.0 Cr.
7003 H	Art Studio III is a continuation of work begun in Art Studio II. Combined, they make up a two-year curriculum with a different theme for each year. Studio areas of concentration—drawing, painting, printmaking (relief and intaglio), collage, design, sculpture, ceramics, and mixed media—will be investigated in depth on an alternate year basis so that by the conclusion of Art Studio III all areas have been covered. Experimentation and risk taking relative to creative problem solving will be stressed throughout. Students electing Art Studio III must have successfully completed Art Studio II and have teacher approval.		
7441 AP	<u>Art Studio – Advanced Placement</u> (12) A1, A3, A4, S1, S3, C1, C2, C3		Full Course-5.0 Cr.
	A.P. Studio Art concludes the journey for senior art students who have demonstrated through the Studio Art sequence at Masconomet consistent growth and a desire for excellence in their work. A.P. Studio Art students should be seriously committed to post-secondary art study as either a vocation or avocation. The course is structured to meet the guidelines established by The College Board Advanced Placement Program, allowing students the opportunity to earn college credit in high school. Further information is available upon request from the Department Head. Approval of the A.P. Studio Art teacher is required for admission to this course. All students in A.P. Studio Art are strongly urged to be enrolled in another studio course simultaneously. A.P. Studio Art students are expected to take the A.P. Exam in May.		

In addition to the sequential art courses, there are a number of alternative ways to enter the art program through departmental electives. Students who feel that they may want to make a commitment to the art program throughout high school are urged to sign up for the sequential program first and then supplement this with art electives as time allows.

- 7601 Advanced Placement Art History (10, 11, 12) A1, A3, A4, S1, S3, C1, C2 Full Course 5.0 Cr.
 AP The Advanced Placement Art History course is jointly offered by the Art and Social Studies Departments. It is designed to provide an introductory college level course in Art History regardless of whether one has had previous experience in studio art or art history. The Advanced Placement Art History course is designed to provide students with an understanding and enjoyment of a range of works of art-painting, sculpture, architecture as well as a variety of other art forms within both historical and cultural contexts. In the course, students will examine the major forms of artistic expression from the past, from our own time, as well as from cultures different than ours. Students will learn to look at works of art critically, with intelligence and sensitivity, and they will then be asked to articulate what they have seen or experienced in those works. Central objectives of the course will reflect the format and requirements established by College Board for the A. P. Art History course. It is hoped that students with a strong interest in history, humanities, and/or the visual arts will find this course interesting.
- 7501 Drawing (10, 11, 12) A1, A3, S1, S3, C1, C2, C3 Half Course-2.5 Cr.
 CP This is a multi-media course, which is organized to strengthen students' observational drawing skills. A series of assignments has been designed to stretch each individual's ability. Problems will include line work, design composition, color, tonality, creating an illusion of three-dimensional form, perspective, understanding the figure, explorations with a variety of media, and other areas pertinent to one's drawing development. Classes are made up of students with varying levels of ability and experience. Students considering a career in architecture may also want to elect this course.
- 7610 Painting (10, 11, 12) A1, A3, S1, S3, C1, C2, C3 Half Course 2.5 Cr.
 CP This painting course is designed to accommodate all levels of painting abilities for students in the eleventh and twelfth grades. Structured classes will introduce fundamentals of painting techniques, using a variety of methods and materials. Exercises will be assigned with emphasis placed on color and composition, and the study of form, space and light. Students will be encouraged to explore realism and self-expression. Materials will include tempera, acrylic and mixed media.
- 7620 Sculpture (10, 11, 12) A1, A3, S1, S3, C1, C2, C3 Half Course-2.5 Cr.
 CP This course will explore a variety of sculptural methods and materials to achieve an understanding of the conceptual and technical applications of working with three-dimensional space. Students will complete projects, which involve additive and subtractive techniques as well as various methods of construction. Subject matter will grow from themes designed by the teacher and students individually. Three-dimensional designs will be created with wood, wire, string, cardboard, fabric, plaster, and found objects. Students will be studying both contemporary and historic examples of three-dimensional works of art. Students are asked to reach a high level of craftsmanship, and to take safety issues, lighting and presentation into consideration with each project.
- 7801 Graphic Design I (10, 11, 12) A1, A3, A4, S1, S3, C1, C2, C3 Half Course-2.5 Cr.
 CP This course is designed to introduce students to the working world of graphic design. Solid two-dimensional design skills will be stressed during the first half of the course followed by more specific strategies for graphic design and advertising design. After students have learned basic skills, real-life design jobs from local non-profit organizations will become the focal point of the class. In the past, Graphic Design I students have created work for the American Heart Association, the League of Women Voters, Encore! A performing arts association, the Tri-Town Council, and the Topsfield Athletic Association, among others. Skill areas covered will

include design composition concepts, typography, copy writing, illustration, selling your idea, and preparation of camera-ready art. Students will also work in the computer graphics lab where they will use the C53 software programs: Adobe Illustration, Adobe in Design and Adobe Photoshop.

7811 Graphic Design II (10, 11, 12) A1, A3, A4, S1, S3, C1, C2, C3 Half Course-2.5 Cr.

CP This course is a continuation of Graphic Design I where the focus will be placed on computer applications in design. Students will create graphic design, advertising design and illustration work utilizing the C53 software programs: Adobe Photoshop, Adobe Illustrator, and Adobe in Design. Jobs will be solicited from local non-profit organizations to create real school to work connections. Advanced skills in design composition, creative typography, copywriting and illustration will be shared. Further work in presentation skills—how to pitch an idea—will also be emphasized. Students will prepare both camera-ready art as well as design to disk.

7701 Media Communications (Yearbook) (11, 12) A1, A3, A4, S1, S2, S3, C1, C2, C3 Full Course-5.0 Cr.

CP Media Communications offers a variety of publishing activities to students in Grades 11 and 12. During the course of the year students will complete the publication of the school yearbook (MITOBO). Students will work in the areas of writing, designing (utilizing both Yearthech/Page Maker and Adobe Photoshop software programs), and photography. Editorial positions for both publications will be selected in April. The remainder of the class will hold different staff positions. No late sign-ups will be allowed. Admittance into this course is contingent upon a personal interview with, and approval of, the yearbook teacher.

7901 Photography I (9, 10, 11, 12) A1, A3, S1, S3, C1, C2, C3 Half Course-2.5 Cr.

CP This course is designed to introduce students to the world of quality black and white photography. Areas covered will include the operation of a manual, single lens reflex (SLR) camera, black and white film development, the operation of a photographic enlarger, and printing black and white photographs. The emphasis in assignments will be on creative photography-making prints that not only demonstrate strong design, compositional and technical skills, but also possess solid narrative content--while mastering the technical aspects of photography. Students must provide their own manually operated 35mm camera, black and white film, and photography paper.

7912 Photography II (9, 10, 11, 12) A1, A2, S1, S3, C1, C2, C3 Half Course-2.5 Cr.

CP This course will take the student beyond the "basic darkroom" level reached in Photography I. More emphasis will be placed on quality printing techniques and experimentation. Additionally, more time will be spent reviewing and critiquing student work to arrive at a more aesthetic point in terms of imagery. Problems will be more complex and expectations will be higher. Students must provide their own manually operated 35mm camera, film and photography paper to produce prints for this course. Students must have successfully completed Photography I and have the approval of their Photography I teacher.

7931 Photography III (11, 12) A1, A3, A4, S1, S3, C1, C2, C3 Half Course-2.5 Cr.

CP This course is designed for advanced Photography students who have demonstrated through previous classes consistent growth and desire for excellence and expansion in their work. Students will be challenged to work on highly technical, fine art, commercial, and studio

based assignments. Students must provide their own manually operated 35mm cameras, films, paper or a digital camera. Students must have successfully completed Photography II and have teacher approval

- 7941 Photography IV (11, 12) A1, A2, A3, A4, S1, S3, C1, C2, C3 Half Course-2.5 Cr.
CP This course is designed for the advanced, serious Photography student who has decided to pursue this medium for commercial work, or advanced college placement portfolios. The student must have demonstrated, through previous classes, consistent growth and desire for excellence and independent vision in their work. The students are expected to complete the equivalent of thirty teacher approved, professional level pieces, provide their own camera, films, papers, and emulsions. Students must have successfully completed Photography III and have teacher approval. It will be scheduled simultaneously with Photography III given adequate staffing and space.
- 7860 Digital Photography (9, 10, 11, 12) A1, A3, A4, S1, S3, C1, C2, C3 Half Course 2.5 Cr.
CP This course is designed to introduce students to the world of digital photography. Areas covered will include the operation of a digital camera - its parts and functions; the use of the computer as a "digital darkroom"; and the production of high quality photographic prints. The course work will follow a curriculum more closely aligned to our photography courses (Photography I-IV) than our computer course (Electronic Imaging). The emphasis in assignments will be on creative photography - creating digital prints that not only demonstrate strong design compositional and technical skills but also possess solid narrative content. Students will also learn to navigate the functions of the Adobe Photoshop software program necessary to meet these goals. This class will meet in the photography studio and the art department's e-Mac lab.
- 7960 Electronic Imaging (9, 10, 11, 12) A1, A3, A4, S1, S3, C1, C2, C3 Half Course 2.5 Cr.
CP This course is designed to teach students how to manipulate images using the Adobe Photoshop and Illustrator software programs. These are incredibly complex programs. Students will learn how to navigate some of their functions in this course. The artwork produced in the course will be derived from scanned, Internet captured and digitally drawn or photographed images that the students will combine, layer, filter and otherwise manipulate on the computer screen to form unique new electronic images. These will then be printed either in an 8 ½" x 11" or 11" x 17" format. This class will meet in the art department's eMac lab.
- 7951 Ceramics I(10, 11, 12) A1, A3, S1, S3, C1, C2, C3 Half Course 2.5 Cr.
CP This is a hands-on course that will explore methods of hand-building and wheel throwing to create ceramic pieces. While much of the work that is created in this class will be functional (bowls, containers, plates, etc.), there will also be work created that is purely sculptural. In addition to building techniques, students will also learn techniques of decorating their clay objects. This will include the use of underglazes and engobes as well as glazes.
- 7201 Introduction to Fashion Design (10, 11, 12) A1, A3, S1, S3, C1, C2, C3 Half Course-2.5 Cr.
CP This course will introduce students to the creative process of clothing design. They will become fluent in design terminology, such as couture and ready to wear. Students will create and learn to work from inspiration boards. They will also learn about garment construction and fabrics as it relates to flat sketching. The course will also offer a variety of

materials that will allow students to develop their own style of fashion illustration. They will be exposed to the leading designers in the fashion industry and specifics of the industry itself. Students will continually create professional design boards that showcase their ideas. Students will leave with greater knowledge and experience of what being a fashion designer truly means.

- 7252 Ceramics II (10, 11, 12) A1, A3, S1, S3, C1, C2, C3 Half Course-2.5 Cr.
CP This semester-long elective course, Ceramics II, is being offered by the art department for students who have successfully completed Ceramics I. Units covered will include advanced hand-building and wheel-work including lids and glazing in the first quarter. During the second quarter students will create a body of work concentrating on one specific technique with an underlying idea or theme. Each concentration project will be determined and agreed upon jointly by the student and the teacher. This course, in conjunction with the Ceramics I and Sculpture courses could be the basis from which a student could pursue the Advanced Placement Studio Art—3D curriculum as a senior.
- 7990 Web Design (10, 11, 12) A1, A3, A4, S1, S3, C1, C2, C3 Full Course-5 Cr.
CP This year-long introductory Web Design course is being offered by the art and business departments. During the first semester (offered through the business department) students will learn the mechanics of how a website is constructed using the basics of HTML. Students will make a page layout with links and design any kind of page they can imagine. They will also learn the structure of tables, nested tables and navigation techniques—including frames, image maps and drop-down menus. During the second semester (offered through the art department) students will take all that they have learned about how to make the elements function electronically and then apply good design principles to their knowledge to create a website that is aesthetically cohesive, visually engaging and interesting to interact with. Students will work more on page layouts; creating elements such as images, buttons and titles in Photoshop and then they will create their sites using Dreamweaver. Students will also have some opportunity to work in Flash if they want to incorporate animation into their site. The students will explore techniques to make workflow smoother through the use of templates and cascading style sheets. By year's end, each student will have created one cohesive and aesthetically pleasing website. Students must take both semesters of this class.
- 7980 Architecture (10, 11, 12) A1, A3, A4, S1, S3, C1, C2, C3 Full Course-5 Cr.
CP A year-long introductory Architecture course is being offered by the art and science/technology departments. During the first semester students will profit from the dynamic relationship between learning basic architectural concepts and physically employing them in the construction of prototypes. Important architectural principles are introduced through studio exercises, slide lectures and demonstrations. Students will develop an understanding of scale, form and spatial relationships by sketching, drawing, drafting and model-building. This hands-on knowledge will then be transferred second semester from the drawing boards and model making studio into the world of computer aided design (CAD). Through the use of the software program ArchiCAD students will be able to take their ideas and plans from the first semester and develop them into finished plans ready to be built. Students must take both semesters of this class.

BUSINESS & COMPUTER EDUCATION DEPARTMENT

The Business and Computer Education Department is an area of study within the total curriculum that deals directly with business and technology skills and techniques. Through a structured program which promotes both personal and educational growth, students develop skills and knowledge in accounting, computer science, and related business fields. Several courses have prerequisites and advanced courses require a grade of "C" or better in the previous course. See your guidance counselor or the Business Department Head if you have any questions.

NOTE: Any one of the following Business Education courses will satisfy one year of the Mathematics requirement. These courses are:

Mathematics Requirement		
Accounting I	Accounting Principles (H)	Computer Science (5 credit only)

SUGGESTED BUSINESS COURSE PROGRESSION

Students should select from the following courses at the indicated grade levels.

MAJOR INTEREST:

ACCOUNTANCY or BUSINESS ADMINISTRATION

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Algebra I	Computer Science I Intro to Mass Media Algebra	Accounting I Algebra II Entrepreneurship Law/Management Mass Media Marketing Precalculus	Accounting I Accounting Principles (H) Banking Law (H) Advanced Mass Media

COMPUTER SCIENCE

GRADE 9	Grade 10	GRADE 11	GRADE 12
Computer Science I	Computer Science I Computer Science II	Computer Science II Accounting I Computer Science III Computer Science - Gaming & Industry	Accounting Principles (H) Accounting I Computer Science III Computer Science (AP) Computer Science - Gaming & Industry

Students completing a sequence of courses will be awarded a Certification of Completion in Business, a Certification of Completion in Computer Technologies, or a Certification of Completion in Business and Computer Technologies.

BUSINESS

- 5521 Accounting I: The Accounting Cycle (11, 12) A2, A3, A4, S3, C1 Full Course - 5.0 Cr.
CP If you have business aspirations, this course is a MUST! - Ask anyone you know in a college business program or the business world. This course provides excellent preparation for college accounting courses. The complete accounting cycle is taught in this course including special journals; ledgers and financial statements for sole proprietorships, partnerships and corporations. Fulfills one year of Mathematics requirement.
- 5541 Accounting Principles (11, 12) A2, A3, A4, S3, C1 Full Course - 5.0 Cr.
H If you are considering a college business major, this course is a MUST for you. This course provides an understanding of basic accounting principles. Topics include: scope and uses of accounting; the theory and use of accounts, and the recording of business transactions; the purpose and structure of financial statements; plant asset depreciation and disposition; intangible assets; payrolls; bond and stock issuances, and other stock transactions. Students will earn both an automated accounting computer system, as well as the *Quickbooks* accounting system. Prerequisite: Successful completion of Algebra II. Fulfills one year of Mathematics requirement.
- 5551 Banking (11, 12) A1, A2, S1, S3, C2, C3 Full Course - 5.0 Cr.
CP This course will provide students with an overview of the history and purpose of banking. The focus will be on how banking institutions serve individuals, businesses and government. Emphasis will be placed on the banking system, the Federal Reserve and personal finances. A partnership between the Masconomet Business Department and a local banking institution will be made to train students for the banking and finance industry. After application, interview and acceptance by the bank, students will work as bank tellers and customer service representatives at the school's branch office.
- 5553 Banking (11, 12) A1, A2, S1, S3, C2, C3 Full Course—5.0 Cr.
H See above Banking CP for course the description.
- 5621 Business & Personal Law (10, 11, 12) A1, A3, A4, S1, S3, C1, C2 Half Course - 2.5 Cr.
CP Business Law is a one-semester course that introduces the basic principles of business law and personal law to the student. In this course, students will gain an understanding of legal principles that will be used throughout the rest of their life, either personally or in the business world. Utilizing real-life situations, case students and a mock trial, the student will develop a critical eye for the legal process in analyzing facts and making an impartial decision. Topics may include civil and criminal law, contract and consumer law and the legalities of marriage and divorce. This course may include a field trip to the Essex County Correctional Facility in Middleton and a visit by a Massachusetts Trial judge and other guest speakers associated with the Massachusetts legal system.
- 5623 Business & Personal Law—Law in Essex County (10, 11, 12) A1, A3, S1, S3, C1, C2 Half Course—2.5 Cr.
H Law in Essex county is a new Honors level course that will expose the student to the Essex County legal system as seen through the perspective of various public service agencies. Students will gain knowledge of civil and criminal procedures by participating in a weekly “blog” with members of the Essex County legal system that includes: the Office of the State Representative, the Essex County District Attorney’s office, the judges of the Essex County District and Superior Court system, trial lawyers and local and State police. Using this interactive approach, students will investigate the processes of the legislative, judicial and enforcement divisions of the Commonwealth of Massachusetts.

- 5622 Business Management – Sport & Entertainment Marketing (11, 12) A1, A2, A3, A4, S1, S3, C1
 CP Half Course - 2.5 Cr.
 For long-standing success in the business world as either an employee
 Or an owner, it is essential for one to have a deep interest in business affairs and a basic knowl-
 edge of business operations. The broad purpose of this course is to present the student with a
 solid foundation about what business is, how it operates, and how it is managed. Specific topics
 include the characteristics of business, forms of ownership, management functions, and produc-
 tion and marketing management. Using virtual simulations, students will learn about sport and
 entertainment marketing and management.
- 5552 Entrepreneurship (10, 11, 12) A1, A2, A3, A4, S1, C1 Half Course - 2.5 Cr.
 CP Entrepreneurship is a course that explores the entire process of owning and operating your own
 business. Students will create a business plan that exposes them to the managerial, financial, and
 marketing aspects of a business. Student will also be exposed to thought-provoking real-world
 situations with a cross-curricular emphasis. A computerized virtual simulation of creating a busi-
 ness and competing with others is a major component of this course. In addition to identifying a
 market need, the students will learn how to meet legal, ethical and social obligations in today's
 marketplace.
- 5711 Financial Management (11,12) A1, A2, A4, S1, C1, C2, C3 Full course—5.0 Cr./Half Course—2.5 Cr.
 CP Each year thousands of college students graduate with credit card debt. The average credit card
 limit for a college student is \$6,000 and in 2006, 41% of graduating seniors had credit card debt,
 with the average balance just over \$3,000. Financial Management teaches students the practical
 facts they need before entering college or the working world. It covers budgeting, credit manage-
 ment, banking and other relevant financial topics.
- 5421 The Global Economy (11, 12) A1, A2, S1, S3, C1, C2, C3 Half Course—2.5 Cr.
 CP This Course compliments (Economics: How America Works with an international perspective.
 We will be examining the impact and policies of international trade and trade blocks. The rela-
 tionships between the international stock markets and exchange rate determination will be ana-
 lyzed. We will also examine the impact from national and world economies on multinational cor-
 porations. Guest speakers and educational field trips will enhance the course to impact the stu-
 dents in a realistic manner. Students will complete multinational corporate projects and compete
 against one another in managing an investment portfolio which will include global and national
 investments.
- 5441 The Global Economy (11, 12) A1, A2, S1, S3, C1, C2, C3 Half Course —2.5 Cr.
 H See above The Global Economy CP for the course description.
 Students may opt to take The Global Economy as an honors level class with more rigorous re-
 quirements and additional projects and assignments.
- 5101 Mass Media Marketing (11, 12) A1, A3, A4, S1, S3, C1, C2, C3 Full Course - 5.0 Cr.
 CP Mass Media Technology is a full-year course that introduces the student to the field of audio and
 video production as it relates to mass media marketing in the business world. Students will gain
 knowledge of basic filming techniques including storyboarding, camera shots and movements,
 lighting, script writing and use of a blue/green screen in order to produce their own original and
 creative projects for the various mass media outlets. Students will also learn the basic principles
 of Television Production and be able to operate the Masconomet Television Studio. This course
 involves extensive group cooperation and utilizes state-of-the-art video and audio editing soft-
 ware.

5102 Introduction to Mass Media (10, 11, 12) A1, A3, A4, S1, S3, C1, C2, C3 Half Course—2.5 Cr.

H Introduction to Mass Media is a course designed to introduce students to the many mass media production opportunities that are present in today's promotional world. Students will explore the concept and design of commercial advertisements, Public Service Announcements (PSAs), infomercials and stop motion photography. Once the media message is determined, students will utilize the given technology and iMovie software available at Masco to produce a production of their own.

5103 Mass Media Advanced (11, 12) A1, A3, A4, S1, S3, C1, C2, C3 Full course—5.0 Cr.

CP This year long course is offered as a grade 11 or 12 elective for students who have completed a course in Mass media Technology or Media Journalism. Mass media Advanced is designed to go beyond the audio and video editing techniques achieved in the previous level of media media technology. Utilizing group cooperation, students will have access to the numerous video/audio resources at Masconomet in order to produce assigned and independent projects That supply a media message to a particular audience. For those students planning a career in communications or production, this course may lead to certification in the use of *Final Cut Express*.

COMPUTER SCIENCE TECHNOLOGY

A four-year sequence in Computer Science is available for those students who wish to pursue a career and/or a college major in computers. Students may elect to take Computer Science at the Honors level.

Technology & Innovations

5811 Computer Science I (9, 10, 11, 12) A1, A2, A3, A4, S1, S3, C1, C2, C3 Full Course— 5.0 Cr.

CP Explore the World Wide Web to find out what new technology is in store for the future. Create cartoon and graphic animations with Animation Shop. Develop robots that can glide through mazes and even hit golf balls using our state of the art Lego technology and software. Spend time using your creative minds to develop eye-catching commercials with Final Cut Pro, the same software used for our morning announcements. Learn how to make visually appealing applications and games with Visual Basic. Finally, set your sights high as we develop and display your web pages for the entire world to see in learning how to code HTML just like a professional.

5812 Computer Science I (9, 10, 11, 12) A1, A2, A3, A4, S1, S3, C1, C2, C3 Full Course— 5.0 Cr.

H See above Computer Science I for the course description.

Interactive Technology

5821 Computer Science II (10, 11, 12) A1, A2, A3, A4, S1, S3, C1, C2, C3 Full Course— 5.0 Cr.

CP Students will gain programming and design skills within the Macromedia Program Suite. Students will create computer animations in Flash which will culminate in a semester ending project animating their own story. Students will combine JavaScript programming and Dreamweaver web design skills to produce interactive web sites. Students will learn various concepts in Visual Basic and program a video game of their choosing from scratch.

5822 Computer Science II (10, 11, 12) A1, A2, A3, A4, S1, S3, C1, C2, C3 Full Course—5.0 Cr.

H See above Computer Science II for the course description.

Technology & Entertainment

- 5831 **Computer Science III** (11, 12) A1, A2, A3, A4, S1, S3, C1, C2, C3 Full Course—5.0 Cr.
CP Students will spend the first semester learning Flash ActionScript. This is a programming language that takes what you learned in Flash and allows you to add interactivity. Students will create an interactive drum set, on-line greeting cards, and ultimately a Flash Video Game. Once programs are developed, you will create a web page allowing you to promote your creations. Students will create a music video using Video Editing software and managing all facets of video production from acting to directing and filming to editing. Students will build robots using Lego Mindstorms Software, whether it's a robotic scanner that uploads a map to your computer, or a robot that can hit a ping-pong ball into a goal; the only limit is your imagination.
- 5832 **Computer Science III** (11, 12) A1, A2, A3, A4, S1, S3, C1, C2, C3 Full Course —5.0 Cr.
H See above Computer Science III CP for the course description.

Java Programming

- 5841 **Computer Science A.P.** (12) A1, A2, A3, A4, S1, S3, C1, C2, C3 Full Course - 5.0 Cr.
H If you are interested in a career in programming, this course is a MUST!!! Students will learn to create programs using the Java programming language. The curriculum will cover the material found on the AP Exam (A Level). Each lesson will take you step-by-step in creating Java programs both as console applications as well as Applets. Students will also explore Robocode which is used to program autonomous tanks utilizing Java to complete in simulated battles.
- 5851 **Computer Science—Gaming & Industry** (11, 12) A1, A2, A3, A4, S1, S3, C1, C2, C3 Full Course—5.0 Cr.
CP This course explores game programming and will cover many different game genres including action and adventure, first person, sports, and multiplayer games. It will explore the different types of roles in the game development process from the design phase to technical programming. Students will work independently as well as in team settings to complete major game projects throughout the year utilizing various game development software.
- The game industry is a \$9.5 billion dollar industry and is rapidly growing. It will support over a quarter of a million jobs in the U.S. and is becoming increasingly lucrative as a career choice. The course will provide an in-depth view of the job market in the Gaming Industry and will Explore opportunities in programming, design, marketing, packaging and production.
- 5852 **Computer Science—Gaming & Industry** (11,12) A1, A2, A3, A4, S1, S3, C2, C3 Full Course—5.0 Cr.
H See above Computer Science—Gaming & Industry for course description.

- 7990 **Web Design** (10, 11, 12) A1, A2, A3, A4, S1, S3, C1, C2, C3 Full Course-5 Cr.
CP A new year-long introductory Web Design course is being offered by the art and business departments. During the first semester (offered through the business department) students will learn the mechanics of how a website is constructed using the basics of HTML. Students will make a page layout with links and design any kind of page they can imagine. They will also learn the structure of tables, nested tables and navigation techniques—including frames, image maps and drop-down menus. During the second semester (offered through the art department) students will take all that they have learned about how to make the elements function electronically and then apply good design principles to their knowledge to create a website that is aesthetically cohesive, visually engaging and interesting to interact with. Students will work more on page layouts; creating elements such as images, buttons and titles in Photoshop and then they will create their sites using Dreamweaver. Students will also have some opportunity to work in Flash if they want to incorporate animation into their site. The students will explore techniques to make workflow smoother through the use of templates and cascading style sheets. By year's end, each student will have created one cohesive and aesthetically pleasing website. Students must take both semesters of this class.

ENGLISH DEPARTMENT

COURSE SELECTION

GRADE 9	GRADE 10	GRADE 11	GRADE 12
English Survey	Literary Heritage	American Literature	Elective
Required	Required	Required	Required

All students must pass English 9, 10, 11 and 12. Students who fail English 9 or 10 must master the course material prior to entering the next course in the sequence. However, students who fail English 11 may take it concurrently with English 12.

*These courses are offered at four levels of sophistication. The third digit of the course number indicates the level; 1 = College-prep 1, 2 = College-prep 2, 3 = Honors, 4 = Advanced Placement

Courses at the College-prep 2 level are especially designed for students with definite needs to improve basic skills and whose reading and writing skills are below grade level. Students who are consistently enrolled in such a program are clearly not being exposed to the rigors of a four-year college-preparatory program. However, students earning honors level grades in such a program should be able to adjust to the requirements of a two-year community college experience.

Courses at the College-prep level are designed for the majority of Masconomet students planning to attend college. Such students have a good command of reading, writing, and speaking skills and are reading at or above grade level.

Courses at the Honors and Advanced Placement levels are for the most talented and gifted college-bound students. They are reading and writing well above grade level. In addition to earning top grades and high-standardized test scores, such students must demonstrate abstract thinking skills, critical reading awareness, excellent research and writing skills, self-directed study skills, and high intellectual vigor and enthusiasm.

English Competency - Grade 9

0111 English 9 (Required) A1, A3, A4, S1 Full Course — 5 Cr.
 0121 The Ninth Grade English course is anchored to a conceptual survey of selected major literary –
 0131 works. Typical of the major classical selections are The Odyssey, Romeo and Juliet, 1984,
Oliver Twist, Of Mice and Men, Lord of the Flies, A Raisin in the Sun, and To Kill a
 Mockingbird. Part of the course’s writing instruction includes a unit on the research paper process.
 To help chart their writing progress, all students will maintain an extensive portfolio of major work
 throughout the year, meeting periodically with teacher and/or tutor to mutually assess their work.
 Successful completion of this course is a prerequisite for admission to the tenth grade program.

Literary Heritage - Grade 10

- 0211 English 10 (Required) A1, A3, A4, S1 Full Course — 5 Cr.
0221 The English 10 program comprises a full-year course, blending literary and composition
0231 skills, with most of the writing based on the literature covered. English 10 draws upon selected readings of major genres of world literature, channeling students to a focused study and appreciation of their literary heritage via a thematic approach. Students write creative and/or analytical essays for each major work or genre. Although most of the longer works are by British and American writers (e.g. William Shakespeare, Arthur Miller), many shorter selections focus on contributions of such writers as Sophocles, Cisneros, and Nicol. Successful completion of this course is a prerequisite for admission to the eleventh grade program.

American Literature - Grade 11

- 0311 English 11 (Required) A1, A3, A4, S1, C1 Full Course — 5 Cr.
0321 The English 11 full-year program focuses on a survey of selected major American writers
0331 ranging from mid 19th century to modern day. Eight to ten full-length novels such as The Adventures of Huckleberry Finn, The Awakening, The Great Gatsby, and On the Road comprise the heart of the reading material, which is richly supplemented by various short stories, poems, and essays by writers as diverse as Walt Whitman, Ernest Hemingway, e e cummings, and Gwendolyn Brooks. A critical paper is written in conjunction with the reading of most major works and/or units covered. Each student will submit at least eight formal multi-page essays for the course.

Grade 12 (Required)

Grade 12 students are required to take one of the five following courses. With the exception of English 12 AP, all electives are offered as heterogeneous sections for Honors and College Preparatory credit.

A1, A3, A4, S1, C1

- 0184 Global Literature Full Year — 5 Cr.
Global Literature focuses on the literature from those parts of the world —Africa, Asia, and South America—that have not been fully represented in the Masconomet English curriculum in grades 7-11. The aim of the course is to enlarge student understanding of the varieties of human experience by attending to stories about people from cultures different from our own. While students will be asked to read carefully and to write about the literature in the traditional analytical manner, the underlying task will be for students and teacher alike to imagine living according to a different set of “rules” or cultural assumptions. As with the other variations of English 12, the central question for this course is: What is human nature and how do we know?
- 0185 The Graphic Novel Full Year — 5 Cr.
Graphic novels are longer and more artful versions of the comic book and are bound as “real” books. They usually include lengthy and complex storylines and sophisticated themes often aimed at more mature audiences. In The Graphic Novel we will explore and discuss the graphic novel and its various forms, including comics and manga. We will examine the pioneers of the genre, the current controversy over the status of the graphic novel as literature, view and analyze contemporary film adaptations, trace the development of theme in various graphic novels, and analyze aspects of gender, race, sexuality, justice, heroism, and life of the post modern teenager. We will look closely at the special effects created by the combination of artistic imagery and narrative technique and learn how to construct a graphic novel by creating our own. In addition to our examination of this unique form of literature, we will continue to develop writing skills through regular journal writing, critical research,

analysis, and creative writing practice with a focus on honing basic skills and development of style in preparation for college-level work. As with the other variations of English 12, the central question for this course is: What is human nature and how do we know?

0186 Monsters, Madness and Mayhem: The Gothic Tradition in Literature and Film

Full Year — 5 Cr.

Monsters, monsters everywhere: behind the door, outside the window, lurking in the corners of a room, temporarily sleeping in a coffin, and drinking blood from innocent victims. If these strange elements intrigue you, then come, read and discuss Gothic literature. We will explore a variety of genres: novels, plays, short stories, poetry, and film. This course will trace both the British and American versions of gothic literature. Students will identify gothic conventions and themes such as the haunted house, family dynamics, apparitions, entrapment, secrecy, the sublime, madness, and hereditary curses. Students will read a wide variety of works in order to explore questions about the supernatural, the psychology of horror and terror, the significance of fantasy and fear, the desire for moral closure, and the rules governing gender, race, class, and sexuality. Students will view films, both old and new, to discover the trends and changes of gothic themes in movies. As with the other variations of English 12, the central question for this course is: What is human nature and how do we know?

0187 Poetry

Full Year — 5 Cr.

Students will approach poetry as both readers and writers in this elective. As their primary text, students will read Dana Gioia and X. J. Kennedy's *An Introduction to Poetry*, a work that describes the techniques of writing poetry in an organized fashion and then presents excellent poems from the Renaissance through the contemporary age to illustrate the principles of poetic composition. The goal of studying the text will be both to increase students' familiarity with and comprehension of poetry, and to improve their own skills as poets. Each class will begin with brief creative writing assignments, followed by either a discussion of *An Introduction to Poetry* or a peer workshop of students' own poems. Students will be required to write and revise at least one polished poem each week. At least one day a week will be completely devoted to writing and/or reading of independently selected poetry. Students will engage in some analytical writing, will investigate publishing opportunities and submit their work for publication to various journals and writing contests. Final products will include a portfolio of the students' writing with multiple drafts of each poem and a research project and paper on an individually assigned poet. As with the other variations of English 12, the central question for this course is: What is human nature and how do we know?

0441 Advanced Placement English

Full Year — 5 Cr.

Advanced Placement English is intended solely for seniors who have clearly attained the reading and writing skills generally expected in introductory college courses in composition and literature in highly competitive colleges and who are ready for advanced, more specialized English courses when they arrive at college. In the full year Advanced Placement course, the teacher often serves as discussion leader, questioner, critic, and scholar, guiding the members of the class to assume some of the responsibility for their own learning and research. The close study of a relatively small number of works in class will be coordinated with the variety offered in the students' outside reading. Concentration is on Dante, Shakespeare, Dickens, Shaw, Melville, Hawthorne, Conrad, Orwell, et al.

SUPPLEMENTAL ENGLISH COURSES

The following courses may be elected *IN ADDITION* to the required 9-12 sequence:

- 0821 Media Communications I (10, 11, 12) A1, A3, A4, S1, S2, S3, C1, C2, C3 Full Course — 5 Cr.
(Print and Broadcast Journalism)

Media Communications is a full year elective in which students build skills and understanding over time in the areas of news writing, video editing and media literacy. In this program students will focus on meeting weekly “Chieftain Chronicle” deadlines, bi-weekly “Masco Reporter” deadlines, broadcast schedules for the Morning Update and various introductory video project requirements.

- 0841 Media Communications II (11, 12) A1, A3, A4, S1, S2, S3, C1, C2, C3 Full Course — 5 Cr.
(Print and Broadcast Journalism)

Students use their prior knowledge of newswriting skills to manage, organize, edit and write for the “Chieftain Chronicle” and the “Masco Reporter.” Each student will also organize and participate in the Morning Update broadcast and create a variety of film projects ranging from shorter advertisements to a larger documentary project. Students will study film technique and other media literacy related topics. Media Communications I is a pre-requisite.

- 0621 Archetypes and Motifs in Literature and Cinema (11, 12) A1, A3, A4, S1, C3 Half Course-2.5 Cr.

Using recurring motifs and psychological archetypes as a focus for exploring literature and cinema, this course attempts to teach the student to recognize and identify patterns of ideas used by writers and artists over the centuries. Students will begin with an examination of classical mythology and explore works taught in other classes at Masconomet as well as novels and movies assigned for this class. They will see how basic concepts such as good and evil, innocence and experience, heroism, independence, and others have been treated over the centuries and how these concepts apply in the students’ own lives. The class will have fun exploring the big and great ideas in literature.

- 0471 Television Production/Screenwriting (10, 11, 12) Half Course — 2.5 Cr.

After learning the fundamentals of TV Production, students will have the opportunity to write their own script for a Television Program and produce it. Although this is a pass/fail

THIS COURSE WILL BE NOT OFFERED DURING 2009-2010

course, the truest test of students’ progress will be in whether or not their final product is aired on the local cable channel.

- 0511 Mythology (10, 11, 12) A1, A3, A4, S1 Half Course — 2.5 Cr.

Although the English Program touches upon some of the Greek and Roman myths that serve as a basis for much of our modern culture, this course provides an in-depth study of some of the classical literature in which mythology plays a major role. Readings include Homer’s

THIS COURSE WILL BE NOT OFFERED DURING 2009-2010

The Iliad and *The Odyssey*, selections from Ovid’s *Metamorphosis*, selections from Virgil’s *Aeneid*, and three plays, *Oedipus Rex*, *Oedipus at Colonus*, and *Antigone* by Sophocles. The course emphasizes discussion based upon these readings.

FOREIGN LANGUAGE DEPARTMENT

SEQUENCE OF COURSES

COLLEGE-PREP LEVEL

GRADE 9 - 11	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Spanish I (CP)	Spanish I (CP-2)	Spanish II(CP-2)	Spanish III(CP-2)	Spanish IV (CP-2)
French I (CP)	French II (CP)	French III (CP)	French IV (CP)	French V (CP)
NOT OFFERED IN 2009-2010	German II (CP)	German III (CP)	German IV (CP)	German V (CP)
	Spanish II (CP)	Spanish III (CP)	Spanish IV (CP)	Spanish V (CP)

HONORS LEVEL

GRADE 9	GRADE 10	GRADE 11	GRADE 12
French II (H)	French III (H)	French IV (H)	French V A.P. (H)
German II (H)	German III (H)	German IV (H)	German V A.P. (H)
Spanish II (H)	Spanish III (H)	Spanish IV (H)	Spanish V A.P. (H)
Chinese I (H)	Chinese II (H)	Chinese III (H)	

SPECIAL PROGRAMS

GRADE 10	GRADE 11	GRADE 12
	Italian I (H) NOT OFFERED IN 2009-2010	Italian II (H) NOT OFFERED IN 2009-2010
	Russian Language and Culture (H) NOT OFFERED IN 2009-2010	Russian Language and Culture (H) NOT OFFERED IN 2009-2010

N.B. All Foreign Language courses will be offered based on a minimum enrollment of 14 scheduled students.

The goal of the Foreign Language Program at Masconomet is to develop students' communicative proficiency and cultural understanding. Students follow a sequential program in French, Spanish or German from Grade 7 through Grade 12. Chinese is also offered to high school students from Grades 9 to 12 at the honors level. The Foreign Language Department strongly encourages students to commit themselves to a full program, studying one language for six years between Grades 7 and 12, and to elect a second language when scheduling allows. Teacher recommendation and Department Head approval is required for honors programs.

Students entering the high school who: (1) have not begun foreign language; (2) have not been successful in previous Foreign Language courses; (3) want to begin the study of different language, have two options:

Option 1 Take Spanish I (CP-2)

Option 2 Elect College-prep level of Spanish I or French I when offered.

Option 3 Elect Chinese I Honors with teacher recommendation and Department Head approval

In some cases, to retain a diversity of offerings where low enrollments exist, it may be necessary to schedule College-prep and Honors Level courses in the same classroom. Special projects will be required of Honors students and tests will be weighted appropriately for College-prep level student. Spanish I and Chinese I (H) will not run unless 14 students enroll.

All student selections must be endorsed in writing by the teacher or the Department Head. Teacher approval will be based on prerequisites, achievement and demonstration of the motivation and study skills necessary for success at the next level. The following prerequisites apply:

1. If a student earns an "F" in the first semester of a foreign language course, he/she will be rescheduled to repeat the course for the following year. It is not recommended to move to the second semester.
2. After fulfilling the graduation requirements, students are expected to maintain a grade of C- or better to be able to continue in the third, fourth and fifth year of foreign language study. Students who do not achieve a C- should drop to the lower ability level of the next sequential course or, with Department Head approval, do remedial work, i.e.: summer school, private tutoring during the summer, to be able to continue at the Honors or College-Prep levels.

COLLEGE-PREP LEVEL

The following sequence of Spanish courses is designed for students who experience difficulty in language learning or who did not successfully complete the middle school program. The text and course content are compatible with those of the other Spanish courses, but the pace is slower. Students complete the usual two-year course in three years as these courses are geared to students who benefit from a longer foreign language learning experience. Teachers give individualized assistance to students who wish to progress at a faster pace or who may wish to transfer to a course that moves more quickly. Anyone wishing to begin language study in Grade 12 may do so only with the permission of the Department Head.

4011 Spanish I (CP-2) (9, 10, 11) A1, S1, S3

Course - 5.0 Cr.

This course introduces students to the basic sounds and structure of the Spanish language. Simple verb tenses and vocabulary are presented within cultural contexts. Although English is used for instruction and classroom discussion, students are encouraged to speak Spanish as they learn basic conversation. Study skills, work habits, and class participation are stressed and weighed appropriately in the grading of the course.

4021 Spanish II (CP-2) (10, 11, 12) A1, S1, S3 Full Course - 5.0 Cr.
This course continues the progress begun in Introduction to Spanish. Students learn practical vocabulary and compound verb tenses as they continue their cultural exploration of the Spanish-speaking world through reading selections, videos and hands-on activities. They hear and speak Spanish more frequently as it becomes the language of the classroom. Listening comprehension and simple writing skills develop.

Teachers assist students in developing good study skills and work habits. (THIS COURSE COMPLETES WHAT TRADITIONALLY HAS BEEN CALLED FIRST LEVEL OF HIGH SCHOOL FOREIGN LANGUAGE STUDY.)

4031 Spanish III (CP-2) (11, 12) A1, S1, S3 Full Course - 5.0 Cr.
This course continues to teach the essentials of Spanish grammar and structure. Students further increase their vocabulary and develop reading comprehension and cultural understanding by reading short stories and articles from Spanish magazines and newspapers. Written and spoken Spanish are emphasized as Spanish is the language of the classroom. (AT THE END OF THIS COURSE, THE STUDENT WILL HAVE COMPLETED THE SECOND LEVEL OF SPANISH.) If enough students are not enrolled for Spanish III CP-1 to run alone, this course will be offered in conjunction with Spanish II CP.

4041 Spanish IV (CP-2) (12) A1, S1, S3 Full Course - 5.0 Cr.
This course introduces students to short stories with some literary quality. Motive, character analysis, as well as story line, are explored. Spanish culture is derived from the stories; grammar is reviewed. Classroom discussion of current topics enlivens the course and helps develop a useful living language. Spanish is the classroom language. (This course will be offered in conjunction with Spanish III CP if enough students are not enrolled for Spanish IV CP-2 to run alone.)

The following courses are for those students who want or need to begin the study of a first or second foreign language in high school.

4101 French I (9, 10, 11) A1, S1, S3

THIS COURSE WILL NOT BE OFFERED DURING 2009-2010

4301 Spanish I (9, 10, 11) A1, S1, S3 Full Course - 5.0 Cr.
This course is the equivalent of the Grade 7/8 program, students acquire practical vocabulary and begin to master the essentials of grammar and structure. They develop basic listening, reading, writing and speaking skills, while exploring the geography, history and culture of countries where the language is spoken.

The following College-prep level courses are designed for students who have successfully completed the middle school course and are recommended by their teachers. These courses are paced for average college-preparatory students. Accurate use of grammar and acquisition of vocabulary are stressed. As communicative proficiency is the goal of the course, the foreign language is the language of discussion and instruction, except where a concept must be clarified in English.

4111 French II A1, S1, S3

4211 German II A1, S1, S3

4311 Spanish II (9) A1, S1, S3

Full Course - 5.0 Cr.

In these courses, students acquire practical vocabulary and begin to master the essentials of grammar and structure as they develop basic listening, reading, writing and speaking skills. They explore the geography, history and culture of countries where the language is spoken.

4121 French III A1, S1, S3

4221 German III A1, S1, S3

4321 Spanish III (10) A1, S1, S3

Full Course - 5.0 Cr.

In these courses, students complete their study of the basic elements of grammar and structure and continue to develop a rich, practical vocabulary. They further develop their communicative skills as the foreign language becomes the language of instruction and classroom discussion. Students are expected to use the foreign language. Cultural exploration continues through readings, videos and authentic realia.

4131 French IV A1, S1, S3

4231 German IV A1, S1, S3

4331 Spanish IV (11) A1, S1, S3

Full Course - 5.0 Cr.

Students in these courses read extensively in the foreign language, analyze literature and discuss cultural concepts, norms and values presented in the reading. The structure of the language is reviewed with particular emphasis given to the use of the subjunctive mood and special verb concepts. Listening and speaking skills continue to develop as classes are conducted exclusively in the foreign language and daily conversation is stressed.

4141 French V A1, S1, S3

4241 German V A1, S1, S3

4341 Spanish V (12) A1, S1, S3

Full Course - 5.0 Cr.

These courses provide students with opportunities to read, write and speak the foreign language at an advanced level. Instruction and discussion take place exclusively in the foreign language and students are expected to speak the language. Curriculum includes the study of literary, cultural and historical highlights of the countries where the language is spoken. Grammar review according to students' needs is provided as is preparation for Achievement Tests.

HONORS LEVEL

These Honors courses are for students who have proven themselves to be motivated, successful language learners. The sequence is designed to prepare students for the Advanced Placement Test. The pace is faster than in the College-prep level courses and classroom work is more intense. Active student participation is expected. Only the foreign language is used in class and student usage is an important part of student evaluation in these courses.

4621 Chinese Language and Culture I (9,10,11,12) A1, S1, S3

Full Course – 5.0 Cr.

This course will be geared toward basic oral proficiency in the Chinese language. Students will learn the introductory characters. Along with the fundamentals of Chinese, students will be come acquainted with the culture and customs of the Chinese.

4631 Chinese II A1, S1, S3

4151 French II A1, S1, S3

4251 German II A1, S1, S3

4351 Spanish II A1, S1, S3

Full Course - 5.0 Cr.

In Honors II courses students complete more work than the College-prep Language II course as well as a variety of projects. The pace is accelerated and more class time is devoted to discussion in the foreign language. Acquisition of vocabulary and accurate use of grammar are stressed. Magazines and newspapers written in the foreign language bring authentic culture into the classroom as students begin to explore countries where the language is spoken.

4641 Chinese III A1, S1, S3

4161 French III A1, S1, S3

4261 German III A1, S1, S3

4361 Spanish III A1, S1, S3

Full Course - 5.0 Cr.

In these courses, students complete their study of the fundamental grammar of the language, particularly verb and tense usage. The pace is brisk and intense. Outside reading, classroom reports and compositions require students to use the language. Conversation is emphasized and cultural exploration continues.

4171 French IV A1, S1, S3

4271 German IV A1, S1, S3

4371 Spanish IV A1, S1, S3

Full Course - 5.0 Cr.

These courses constitute the first phase of Advanced Placement. They consist of a survey of excerpts from the literature of the language being studied, a thorough review of grammar, and an in-depth study of vocabulary. Increased emphasis is placed on grammar so that accuracy of usage improves. Outside readings, reports and compositions further develop students' skills.

4181 French V A.P. A1, S1, S3

4281 German V A.P. A1, S1, S3

4381 Spanish V A.P. A1, S1, S3

Full Course - 5.0 Cr.

These courses are based on the Advanced Placement Program as outlined by the College Entrance Examination Board and prepare students for the Language rather than the Literature Advanced Placement Examinations. The course is a college level language course. Students are expected to take the Advanced Placement Exam in May although it is not required.

SPECIAL PROGRAMS

4511 Russian Language and Culture (H) A1, S1, S3

Full Course - 5.0 Cr.

During this course students will learn the Cyrillic alphabet and how to read in Russian. Along with the fundamentals of Russian grammar, they will start to speak the language within the

THIS COURSE WILL NOT BE OFFERED DURING 2009-2010

Framework of the most important "survival" situations. In this course, students will also become acquainted with elements of Russian history, civilization, geography and facts of everyday life. They will watch several Russian movies and will read several books (in English) by Russian authors which will enable them to better understand history as well as today's situation in Russian.

4421 Italian I (H) A1, S1, S3 Full Course - 5.0 Cr.
The course will be geared toward basic oral proficiency in the Italian language. A strong emphasis will be placed on speaking. Vocabulary and basic grammar will also be stressed. Numbers, the Italian monetary system, foods, European propriety, telling time, etc., will also be introduced.

THIS COURSE WILL NOT BE OFFERED DURING 2009-2010

Students will become acquainted with Italian history, geography, civilization and culture.

4451 Italian II (H) A1, S1, S3 Full Course - 5.0 Cr.
This course continues the development of the four basic skills begun in Italian I. Students learn to read, write, listen and speak Italian with greater proficiency while they continue to explore Italy's

THIS COURSE WILL NOT BE OFFERED DURING 2009-2010

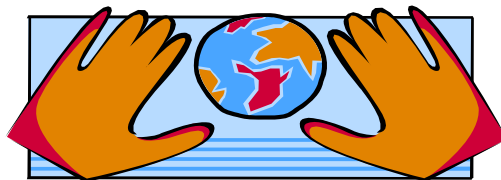
rich culture. Italian is the language of instruction and class discussion, and students will be expected to speak it within the range of their ability at all times.

4461 Italian III (H) A1, S1, S3 Full Course - 5.0 Cr.
Italian III will continue with building on the structures learned in Italian I and II. Further emphasis

THIS COURSE WILL NOT BE OFFERED DURING 2009-2010

will be placed on composition skills as well as increased oral proficiency. Cultural and literary topics will also be covered.

FOREIGN EXCHANGE PROGRAM



An integral part of the Foreign Language Program at Masconomet Regional High School is the four exchange programs that take place in alternating years. The exchange programs take place between Masconomet and high schools in France, Spain, China and Germany. This is an opportunity for the student who has successfully completed two to three years of language study to further his or her speaking skills in an authentic environment and to live within the daily culture that has been studied. Students are encouraged to include this as part of their junior or senior year language experience at Masconomet. During the freshman and sophomore year they are encouraged to participate in the immersion trip to French-speaking Canada. The juniors and seniors are encouraged to participate in the interdisciplinary trip to New York City. (*Exchanges with France, China and Spain are being planned for 2009-2010. Summer volunteer trips are also being planned for Panama.*)

HEALTH EDUCATION

Health courses foster responsibility of the individual toward himself/herself and the environment through a variety of learning experiences including value clarification, decision-making, factual knowledge about physical and emotional health, and human sexuality. The primary goal of the Health courses is to promote sound physical and mental health.

2921 Comprehensive Health and Wellness Issues Half Course - 2.5 Cr.

(Required) (10, 11, 12) A1, A4, A3, C1, S1

Comprehensive Health and Wellness Issues is a one-semester course that provides an overview of issues relating to personal health, wellness, and financial literacy. Topics include Disease (Disease Model, Cancer, HIV/AIDS, STDs, Depression, Eating Disorders), Substance Abuse (Alcohol, Addiction, Illicit and Other Abused Drugs, Steroids), Sexuality (Reproductive Anatomy/Function/Dysfunction, Sexual Abuse, Sexual Orientation, Pregnancy & Childbirth, Parenting, Conception and Contraception, Postponing Sexual Activity), and Wellness (Stress Reduction, Mental Health, Sleep, Nutrition). Students will learn refusal skills, terminology related to health issues, methods of investigating health issues and resources via the internet, and the cause and effect nature of decision making on long and short-term physical and emotional health. Students will be challenged to understand their personal responsibility as independent decision-makers relating to health issues.

COLLEGE PREP

2951 First Responder (9, 10, 11, 12) A1, A3, C3 Half Course - 2.5 Cr.

First Responder is an elective for students interested in learning advanced first aid skills. This course is well-suited for students wishing to pursue employment as lifeguards or in the ski patrol or for those considering careers in law enforcement, medicine, firefighting, or other occupations where advanced layperson medical care may be required. The course provides an overview of human anatomy, personal safety in emergency situations, legal considerations, and the care of sick and injured patients. Students learn medical terminology, assessment of sick and injured people, and teamwork techniques when dealing with emergency scenes. Upon successful completion of the course, tests, and skill stations, students earn First Responder certification (National DOT Guidelines) as well as a BLS Healthcare Provider CPR card. Topics include bleeding, shock, wounds, fractures, seizures, scene safety and control, drug overdose, childbirth, sudden illness, poisoning, burns, airway management, infection control, sudden illness, and rescue.

2981 First Aid/CPR Instructor (10, 11, 12) A1, S3, C3 Half Course - 2.5 Cr.

First Aid/CPR Instructor trains students to be instructors in Cardiopulmonary Resuscitation. Students will begin by mastering all aspects of CPR and First Aid (adult and pediatric)- respiratory anatomy and physiology, obstructed airway, airway management, rescue breathing, CPR, emergency care and Automated External Defibrillators (AED). Students will then learn the skills, regulations, and pedagogy of teaching CPR and First Aid to different populations. Topics include teaching techniques and materials, evaluation, manikin decontamination and maintenance, course documentation, and certification.

First Aid/CPR Instructor (cont'd.)

Upon successful completion of the First Aid/CPR Instructor Course, students will train and certify members of the school or general community in Heartsaver CPR. Handbook purchase will be required.

Prerequisite: First Responder or concurrent EMT Course

- 2931 Athletic Training and Sport Physiology (9, 10, 11, 12) A1, A3, C1, C3 Half Course - 2.5 Cr.
Athletic Training and Sport Physiology is a single semester course that examines the human body from the perspective of achieving/maintaining high-level performance and rehabilitating injuries. Topics include musculoskeletal anatomy/physiology/dysfunction/injury, injury prevention, trauma assessment and emergency care, rehabilitation/strength/flexibility training, and sports nutrition. Skills will include basic injury assessment, first aid, CPR, taping injuries, exercises for rehabilitation diet evaluation and evaluation/sizing of injury-prevention sports gear. A handbook purchase will be required.

- 2905 Introduction to Health Care (10, 11, 12) A1, A3, A4, C1, C2 Half Course—2.5 Cr.
Introduction to Health Care is a broad overview of health care in the United States. Topics include professional and paraprofessional careers, health care facilities and services, legal issues, medical terminology, infection control, documentation and medical records, health care costs and successful employment strategies. Students will consider how the health care system has

THIS COURSE WILL NOT BE OFFERED DURING 2009-2010

evolved to handle both illness and dying by examining health professions and models of care provision. Financial implications of health problems will be examined by looking at medical insurance, liability and medical malpractice, Medicare and Medicaid.

Finally, students will become familiar with career opportunities in the health care field, the potential job market for these careers and the professional preparation needed for certification and licensure.

HONORS

- 2971 Emergency Medical Technician (H) (11-12) A1, A4, C1, A3 Full Course - 5.0 Cr.
Emergency Medical Technician is a yearlong elective course for students interested in developing the skills and medical knowledge needed by EMT's. Upon successful completion of the 120-hour course, tests, and skill stations, students will be prepared to take the Massachusetts State and National Registry of Emergency Medical Technicians exams for both state and national EMT-B certifications. Topics include bleeding, shock, wounds, fractures, seizures, scene safety and control, drug overdose, childbirth, sudden illness, poisoning, burns, airway management, infection control, sudden illness, documentation, pre-hospital communication, patient transportation, defibrillation and rescue. Skill stations in splinting, CPR, bandaging, defibrillation, oxygen administration, spine immobilization, and patient assessment will be taught. This course requires attendance for 95% of classes. Students will complete 5 hours of field experience during the class on an ambulance.

*EMT-B certification requires passing a State exam within 12 months of completing the course. Students must be 18 years old to take the State exam.

2992 Introduction to Medicine (H) (9, 10, 11, 12) A1, A3, C1, C3 Half Course - 2.5 Cr.
From birth to death, the human body is in a constant struggle to maintain normal function through a minefield of potential challenges. Introduction to Medicine is an Honors-level class that explores the effects that the vulnerable body has on how we live our lives. Disease and disability are viewed through written case studies from medical, psychological, social, financial, and bioethical points of view. Case studies will include examining heart disease, cancer, AIDS, trauma, Alzheimer's Disease, SIDS and alcoholism. Students will consider how the health care system has evolved to handle both illness and dying by examining health professions and models of care provision. Financial implications of health problems will be examined by looking at medical insurance, liability and medical malpractice, Medicare and Medicaid. Finally, students will become familiar with career opportunities in the health care field, the potential job market for these careers and the professional preparation needed for certification and licensure.

MATHEMATICS DEPARTMENT

The goal of the Mathematics Department is to encourage and enable all students to:

- value mathematics,
- gain confidence in their own mathematical ability,
- become mathematical problem solvers,
- communicate mathematically,
- and reason mathematically.

To accomplish this, the curriculum must expand students' knowledge of numbers, computation, estimation, and measurement. To be successful in a technological world, students need to understand the basic concepts of algebra and geometry. In addition, students should be able to gather, organize, display and interpret data and in so doing, recognize patterns when they occur.

A broad and varied series of courses in the major areas of Mathematics is offered with the intent of not only challenging the intellectually curious but also providing a good background of understanding for all. To facilitate proper selection, courses have been grouped by level of sophistication.

With the exception of Applied Statistics, all the Mathematics courses are sequential. The student must secure department approval before proceeding to the next level. Teacher recommendations will be based on prerequisites and determined in relation to criteria shown to be necessary for success at the next level. Therefore, the student's teacher must initial the registration form. Students who may wish to move from one sequence of courses to another must demonstrate a "likelihood of success" in the desired change. This must be arranged with the department chairperson and will include taking an exam during the summer. Any student not presently enrolled in a Mathematics course must have his/her registration form approved by the Department Head.

Each student must satisfactorily complete three years and at least fifteen (15) credits to fulfill the Mathematics requirements for graduation. Accounting I, Accounting Principles, or Computer Science (maximum of 5 credits) may be used to fulfill the Mathematics requirement for graduation. **These courses, however, do not meet the mathematics course requirement for students on Educational Proficiency Plans.**

Please Note: Students are expected to have a graphing calculator for work both at home and in school for the following courses: Algebra II, Concepts of Algebra II, Advanced Math, Pre-Calculus, Applied Trigonometry, Applied Statistics, Applications of Algebra & Geometry, Statistics and Calculus. Teachers of these courses are proficient with the TI-83, TI-83 Plus and TI - 84 Models. If students choose a different make/model they will need to learn how to use it themselves. The school owns some graphing calculators that can be loaned to students for their use during the school year. A written request from the parent/guardian is required. Requests received by August 31 will be processed for the opening of school. Later requests will be processed with about a two-day turnaround time. Requests should be sent to the department head.

When a student who has not attended Masconomet middle school enters the senior high school, the Department Head will recommend appropriate placement. This recommendation will be based on consideration of records from the feeder school and, when appropriate, performance on a placement test and/or a brief interview. For students entering Masconomet who have not completed a full year of Algebra I, Algebra I (cont.) is generally the appropriate course to take.

MATHEMATICS COURSE PROGRESSION

COLLEGE-PREPARATORY LEVEL

GRADE 8	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Algebra I (final grade below C-) or LC Math	Algebra I (continued)	Concepts of Geometry	Concepts of Algebra II	Applications of Algebra & Geometry or Applied Trigonometry and/or Applied Statistics

OR

GRADE 8	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Algebra I	Geometry	Algebra II	Advanced Mathematics or Applications of Algebra & Geometry	Pre-Calculus

HONORS LEVEL

GRADE 8	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Algebra I (H)	Geometry (H)	Algebra II (H)	Pre-Calculus (H)	AP Calculus AB or BC Level or Statistics (H/AP)

(Applications of Algebra and Geometry may be taken after Algebra II)

Making Connections in Mathematics (#1521) is a one-semester course.

Starting in September 2007, this course, or an equivalent summer program, is required by the end of grade 10 of all students who received a score below 240 on the grade 8 MCAS mathematics test.

COLLEGE-PREP LEVEL

1123 Algebra I continued (9, 10, 11) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
 This course continues the study of algebra begun in Grade 8. or provides a full year of Algebra I for students new to the district who have not yet taken/passed an Algebra I course. By the end of the course students will have completed Algebra I. The curriculum content is essentially the same as in Algebra I when covered in one academic year. The pace is slower in order to allow for sufficient practice of essential skills.
 Prerequisite: Teacher recommendation.

- 1124 Geometry (9, 10) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
 (If you are buying a calculator for this course you may want to purchase a graphing calculator since one is required for all subsequent math courses. Teachers are most familiar with TI 83 and TI 84 models). This course presents students with the multiple dimensions of geometric understanding. These include: the skills of drawing, measurement and visualization; the properties and applications of geometric concepts; the inductive and deductive aspects of geometry, and a view of geometry as describing the visual world, as representing algebra and as a mathematical system. Algebra skills will be used throughout the course. Prerequisite: Teacher recommendation and final grade of at least C- in Algebra I or successful completion of a six-week Algebra program in summer school.
- 1303 Concepts of Geometry (10, 11, 12) A1, A2, A3, S1, S3 Full Course – 5.0 Cr.
 This course is designed for students who would benefit from a hands on approach to the key skills and concepts contained in a college preparatory geometry course. It covers thoroughly the fundamentals of Geometry and will help students develop basic geometry skills. Proofs are not emphasized but students will gain understanding and appreciation of the uses of inductive and deductive reasoning. Prerequisite: Completion of an Algebra I course with a passing grade and teacher recommendation.
- 1322 Algebra II (10, 11) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
 (A graphing calculator is required for this course.)
 This course emphasizes facility with algebraic expressions and forms, especially linear and quadratic forms, powers and roots, and functions based on these concepts. Complex numbers are introduced and students learn how to compute with them. Students will study logarithmic, polynomial, exponential and other special functions both for their abstract properties and as tools for modeling real-world situations. Pre-requisite: Final grade of at least C- in Algebra I and successful completion of a geometry course or concurrent enrollment in one.
- 1403 Concepts of Algebra II (11, 12) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
 (A graphing calculator is required for this course.)
 This course extends the concepts learned in Algebra I. Along with the basic operations tied to the complex number system, equations and inequalities in one and two variables are considered both graphically and algebraically. Functions are studied in detail, with particular emphasis on linear, quadratic and polynomial functions. The study of exponential and logarithmic functions is based on many real-world situations. The essential ideas of probability and statistics are considered and, as time allows, some concepts from elementary trigonometry may be introduced. Prerequisite: successful completion of both an Algebra I course and Geometry or Concepts of Geometry.
- 1323 Advanced Mathematics (11) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
 (A graphing calculator is required for this course.)
 Advanced Mathematics integrates ideas of functions, including polynomial, exponential, logarithmic, with the data analysis necessary to be a contributing member of society both now and in the future. With functions widely recognized as a major unifying theme in mathematics, Advanced Mathematics helps students develop that understanding with real

world problems establishing a foundation both for future work in mathematics and in applications students might meet during their lifetimes. In addition, matrices, sequences and series are considered. Problem solving is considered from multiple perspectives – algebraic, graphical and numerical.

Prerequisite: A grade of at least C- each semester in Algebra II.

- 1341 Applications of Algebra and Geometry (11, 12) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
(A graphing calculator is required for this course.)

This course will provide students with the opportunity to see how algebra and geometry are used together to solve a wide range of real world problems. Students will investigate areas like social science, election theory, real estate, finances, coding and decoding. They will consider how mathematics plays an integral role in all of these and learn how the skills and concepts developed in earlier courses are used. Students will work in cooperative groups preparing oral and written presentations to demonstrate content mastery. The course will allow students to integrate reading, writing and technology skills as they develop portfolios of representative work on selected topics. Prerequisite: Successful completion of an Algebra II course.

- 1422 Precalculus (12) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
(A graphing calculator is required for this course.)

This course integrates the background students must have to be successful in Calculus. Topics for this course will include rational functions and the complex number system. Analytical trigonometry, mathematical induction, some concepts in probability, vectors and analytic geometry including work with the polar coordinate system are also considered in this course. If time permits, a preview of Calculus with an introduction to limits will be included. Prerequisite: A grade of C- or higher each semester in Advanced Math.

- 1431 Applied Trigonometry (12) A1, A2, A3, S1, S3 Half Course- 2.5 Cr.
(A graphing calculator is required for this course.)

This one-semester course will introduce students to the trigonometric functions of angles and the circular functions of real numbers. Problem solving will be emphasized throughout the course. Applications will involve triangles and periodic real-world phenomena. Students will learn to use calculators to determine function values. Many topics introduced in Concepts of Algebra II will be reviewed and reinforced throughout this course. Prerequisite: Successful completion of an Algebra II course and Teacher Recommendation

- 1432 Applied Statistics (12) A1, A2, A3, S1, S3 Half Course - 2.5 Cr.
(A graphing calculator is required for this course.)

This one-semester course introduces the student to statistics, the science concerned with collection, analysis and interpretation of numerical information. Students will be prepared to accept numerical information presented in media critically and to use it effectively. Statistics training prepares the student to properly interpret data presented through a variety of modes. Prerequisite: Successful completion of an Algebra II course and Teacher Recommendation

HONORS LEVEL

Given the sequential nature of mathematics, students and parents should consider the increasing complexity of the material as one progresses through honors level courses. In order to prepare students for AP Calculus, Algebra I/H and Precalculus H cover in two years more content in greater depth than Algebra 2/CP, Advanced Math and Precalculus CP do in three years.

- 1131 Geometry H (9) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
(If you are buying a calculator for this course you may want to purchase a graphing calculator since one is required for all subsequent math courses. Teachers are most familiar with TI 83 and TI 83 models). This course provides the student with an illustration of a precise mathematical system. It is devoted mainly to plane geometry with shorter introductions to solid geometry, area and volume, plane coordinate geometry and trigonometry.
Prerequisite: A grade of C- or higher in Algebra I H and recommendation of current math teacher or approval of department head.
- 1233 Algebra II H (10) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
(A graphing calculator is required for this course.)
This course includes a comprehensive review of elementary algebra and extends the study of algebra through the system of complex numbers. A study of functions, including a thorough coverage of trigonometry, leads to applications of algebra and activities which develop mathematical thinking. Prerequisite: A grade of C- or higher each semester in Geometry H and recommendation of current math teacher or approval of department head.
- 1331 Precalculus H (11, 12) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
(A graphing calculator is required for this course.)
This course is designed as the final step in preparing students for AP Calculus. It is a rigorous program and requires a high degree of effort and interest on the part of the student. A careful, in-depth study of functions is an essential purpose of this course. This includes polynomial, rational, exponential, logarithmic and trigonometric functions, along with the graphs that represent them. Polar coordinates, vectors and the elements of analytic geometry are some additional topics that are considered. If time permits, an introduction to Calculus will occur.
Prerequisite: A grade of C- or higher each semester in Algebra II H and recommendation of current math teacher or approval of department head.
- 1451 Calculus A.P., AB Level (12) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
(A graphing calculator is required for this course.)
This course will consider the central concepts in an introductory calculus program including limits, continuity, differentiation and integration. The focus will be on the topics outlined in the "AB" Calculus syllabus published by the College Entrance Examination Board. Advanced placement and/or college credit may result from this course. The A.P. Calculus exam is now designed so that students must use a graphing calculator. For this reason, the curriculum for this course requires that students have their own graphing calculator for both school and homework.
Prerequisite: A grade of C- or higher each semester in Precalculus H and recommendation of current math teacher or approval of the department head.

1441 Calculus A.P., BC Level (12) A1, A2, A3, S1, S3 Extended Course - 7.5 Cr.
Discussion centers on a review of limits, continuity and differential calculus. The focus is on topics outlined in the "BC" Calculus syllabus published by the College Entrance Examination Board, such as integral calculus, differential equations and infinite series. Advanced placement and/or college credit may result from this course. The A.P. Calculus exam is now designed so that students must use a graphing calculator. For this reason, the curriculum for this course requires that students have their own graphing calculator for both school and homework. The extended part of this course (equivalent to 2.5 credits) is done outside of the regular school day schedule as an on-line course during semester 1. It is strongly recommended that students have a study period in their schedule during this semester to accommodate the workload. Prerequisite: A grade of B- or higher in Precalculus H and recommendation of current math teacher or approval of the department head.

1461 Statistics H/AP (12) A1, A2, A3, A4, S1, S3 Full Course – 5.0 Cr.
(A graphing calculator is required for this course)
Seniors who remain in this course during the internship program are prepared to take the AP Statistics exam in May.
Citizens in a free society must be able to make informed choices in all areas of their lives. This course will enable students to grasp information that is presented to them, analyze it and make reasoned decisions about it. To accomplish this, students will learn to collect, organize and display relevant data to answer questions that can be addressed with data; use appropriate statistical methods and predictions that are based on data; develop and evaluate inferences and predictions that are based on data; and apply basic concepts of probability. Students will gain insight into the use of trend graphs and measures of spread for analyzing data. They will categorize data by the type of model that best represents them, design surveys to generate data and learn to choose representative samples and identify biases in the samples and survey questions. When determining relationships among variables, students will consider the difference between association and causation. This course is recommended for students who are thinking of majoring in Psychology in college.
Prerequisite: Successful completion of Advanced Math or Precalculus H.

OTHER

1521 Making Connections in Mathematics (9, 10, 11) A1, A2, A3, S1, S3 Half Course-2.5 Cr.
(This course, or an equivalent summer program, is required by the end of grade 10 of all students who received a score below 240 on the grade 8 MCAS mathematics test.)
This course is designed to provide additional preparation for the Mathematics portion of the Massachusetts Comprehensive Assessment System. The course will focus on specific learning standards from the Mathematics Curriculum Frameworks. Problem solving, communication, reasoning and application as essential elements in the development of mathematical competency will be highlighted. Rather than introduce new material, this course will help students recognize the relationships among skills and concepts they know and the intent of the test questions being asked. Individual learning programs will be developed for each student. These will address particular areas of weakness identified through earlier state testing as well as other assessments. The course will be graded Pass - Fail. Although the credit counts in fulfilling general graduation requirements, it does not satisfy the graduation requirements in mathematics.

MUSIC DEPARTMENT

Expression of feeling through the creative arts of music is essential to the aesthetic development of the individual. As our daily life becomes more mechanical and routine, the creative arts are essential to relieve monotony and add to the enjoyment of living.

In addition to school and community events, the high school ensembles enjoy performing in music festivals and competitions in major U. S. and Canadian cities.

Ensembles

- 8401 Singers (9, 10, 11, 12) A1, A3, S1, S2, S3, C1, C2, C3 Half Course - 2.5 Cr.
CP The Singers is the major vocal group in the Senior High School. The literature selected will enable students to sing a wide variety of music. All students who enjoy singing are invited to join this group. No audition is required. Grading is based on class performance and attendance at all chorus concerts.
- 8402 Singers (9, 10, 11, 12) A1, A3, S1, S2, S3, C1, C2, C3 Half Course - 2.5 Cr.
H Singers Honors is a select vocal ensemble that meets concurrently with Singers for 3 periods per cycle. Members are required to pass an audition with the choral director. In addition to the 3 ppc rehearsal, members are also required to attend 2 after school rehearsals. Students enrolled in Singers Honors will perform as members of the larger Singers ensemble as well as a smaller independent vocal ensemble. Grading is based on class participation, attendance at all concerts and rehearsals, and other criteria as developed by the conductor.
- 8431 Chorale (9, 10, 11, 12) A1, A3, S1, S2, S3, C1, C2, C3 Full Course - 5.0 Cr.
H Chorale is a select vocal ensemble. Members must pass an audition to prove their ability to sing independently and Department Head approval is required. Auditions are held each Spring before course selections are due. Literature is primarily a capella, chamber, vocal music with an emphasis on quartet and quintet independent singing. Freshman students enrolled in Chorale will take Music Theory for the first semester in the place of Singers. Grading is based on class performance and attendance at all performances.
- 8621 Jazz Choir (9, 10, 11, 12) A1, A3, S1, S2, S3, C1, C2, C3 Half Course - 2.5 Cr.
H Wednesday, 3:00-5:00 p.m.
This voice ensemble performs jazz, Broadway, and rock. Emphasis is on small group singing, solo independence and choreography. Rehearsals are scheduled on Wednesday evenings from 3:00 to 5:00 p.m. Concert Band or Singers is a **co-requisite** for this class.
- 8121 Concert Band (9, 10, 11, 12) A1, A3, S1, S2, S3, C1, C2, C3 Full Course - 5.0 Cr.
CP The Concert Band is designed to afford high school instrumentalists an opportunity to perform concert band music. The Concert Band rehearses every day for a full year. During the school year the Concert Band will perform concerts, march at two parades, and provide music for any school assembly that requires concert music. All students enrolled in the Concert Band are encouraged to participate in the Pep Band during the fall semester. Concert Band students are

also eligible to audition for the Jazz Ensemble. Grades are based on performance, concert attendance, written assignments, and semester exams. All students interested in Concert Band are required to audition for admission into the class and must demonstrate an ability to read standard musical notation as part of the audition. Auditions may be performed for the Department Head in either the June or early September; but must be completed before enrolling into the class.

8123 Concert Band (9, 10, 11, 12) A1, A3, S1, S2, S3, C1, C2, C3 Full Course - 5.0 Cr.

H To be eligible to receive honors credit for Concert Band, a student must have participated in Northeast Senior Districts the previous year. If a student did not participate in Senior Districts, then the student must audition for Mr. O'Keefe. The audition material is the Senior District Music for the current year. Students who elect to receive honors credit are required to meet all the requirements listed under Concert Band (Course 8121). Students receiving honors credit are also required to take private music lessons on their band instrument with a qualified instructor. Grades are based on class performance, concert and performance attendance, written assignments, and semester exams. All students interested in Concert Band H are required to audition for admission into the class and must demonstrate an ability to read standard musical notation as part of the audition. Auditions may be performed for the Department Head in either the June or early September; but must be completed before enrolling into the class.

8631 Jazz Ensemble (9, 10, 11, 12) A1, A3, S1, S2, S3, C1, C2, C3 Half Course -2.5 Cr.

H Wednesday 6:00-8:00 p.m. - Full year

These ensembles perform Jazz, Swing, Latin, and Rock. The instrumentation includes saxophones, trumpets, trombones, percussion (drum set and accessories), string/electric bass, piano and guitar. Rehearsals are scheduled one evening, every week, for a two-hour duration. Attendance is mandatory at all rehearsals and performances. Concert Band, or Singers is a **co-requisite** for this class unless special circumstances are approved by the Director. Department Head approval is required. Students enrolled in either Jazz Band are strongly encouraged to study privately on their instruments. Auditions are held during the third week of the new school year. There are two sections of Jazz Band. Students are assigned by audition results and required instrumentation. All students interested in Jazz Ensemble are required to audition for admission into the class and must demonstrate an ability to read standard musical notation as part of the audition. Auditions may be performed for the Department Head in early September and must be completed before enrolling into the class.

8301 Music Theory (9, 10, 11, 12) A1, A3, S1, S2, S3, C1, C2, C3 Quarter Course - 1.25 Cr.

CP Tuesdays, 3:00p.m.-5:00p.m. - Full Year

Students enrolled in Music Theory will learn about scales and notes, and diatonic harmony. Singing is also a major part of this course and students are expected to learn to sight sing using the solfege syllables. It is recommended that students enrolled in Music Theory should have a strong ability to work independently.

8901 Applied Music Lesson Program (Instrumental and Vocal) (9, 10, 11, 12)
A1, A3, S1, S2, S3, C1, C2, C3 Quarter Course - 1.25 Cr.

This is an independent study program designed to recognize those students who are motivated to advance their musical skills and knowledge by taking private music lessons. Individual instruction will include the study in method books (scales, etudes, etc.) and solos to develop musical and technical skills. Students electing this program must: 1) take a minimum of fourteen

one-half hour private lessons each semester; 2) practice a minimum of three hours each week; 3) perform as a soloist in approved and selected programs, i.e. recitals, concerts, assemblies, auditions, etc.; 4) submit an application (available in the Music Office) to the Department Head this course; for approval prior to beginning this course; 5) demonstrate musical proficiency/skills through a solo performance/test at the end of each marking period. All fees and expenses for private music lessons are the responsibility of the individual. For additional information and the application, contact the Music office. Department Head approval is required.

Music Lesson Program (7 - 12) A1, A3, S1, S2, S3, C1, C2, C3

A Music Lesson Program is available for all interested students to begin or further their musical knowledge and skills. Private and small group lessons are provided on a weekly basis. For additional information, including fees and application, contact the Music Office.

Recitals (7 - 12) A1, A3, S1, S2, S3, C1, C2, C3

Recital performance opportunities are available to all interested students. Four recitals are scheduled throughout the year, three informal and one formal. These experiences are designed to help students gain greater poise and confidence through performances of solos, duets and ensembles. Contact any member of the Music Department for Music Recital Guidelines.

PHYSICAL EDUCATION

All students are required to earn four credits of Physical Education to fulfill their graduation requirement in this area.

Beginning with the Class of 2010, students are no longer required to take Project Adventure, but **it is mandatory that they take at least two of their four physical education credits as classes**. The choices are listed below. The other two credits may be earned by participation in athletics. One PE credit is awarded per year for athletic participation, and students must complete a season to earn the credit.

Students in grades 9-11 can also earn two of their four credits via participation in ***outside competitive or performance-based activities***, but the activity must have prior approval by the guidance counselor and a log of the activity must be kept for one semester and turned into the department head two weeks before the end of the semester.

Seniors may choose to engage in any type of physical activity but must have it approved by their guidance counselor and must keep a log of the activities for one semester that must be turned in to the department head two weeks before the end of the semester.

The following physical education classes are offered:

- 9102 Weight Training/Aerobic Fitness S1, S2, S3, C1 Quarter Course - 1.0 Cr.
Learn to lift weights properly and develop a fitness routine that best fits your needs. There will be discussions on how muscles work and how nutrition affects and builds muscles.
- 9103 Yoga/Self Defense S1, S2, S3, C1 Quarter Course - 1.0 Cr.
Learn stress reducing techniques and discuss ways to defuse confrontations. Training methods from Crisis Prevention Institute will be used in this course.
- 9104 Team Sports S1, S2, S3, C1 Quarter Course - 1.0 Cr.
Learn to play flag football, soccer, basketball, softball, team handball, badminton, tennis or lacrosse. This is a non-interscholastic course, not to be confused with our interscholastic athletic teams.
- 9201 Project Adventure A1, A3, S1, S2, S3, C1, C2, C3 Half Course – 2.0 Cr.
The Project Adventure course will offer a challenging rope course with a series of individual and group physical skills. These challenges and skills will require a combination of teamwork and individual commitment. Project Adventure increases a student's sense of self-confidence, teamwork cooperation and decision making skills. This course meets every day for a semester.

Skills taught in Project Adventure include:

Teaching of Knots and Harness Seats
Student Belaying Techniques
Rope Course Setup
Wall
Low Challenge Course Events

Compass and Map Reading
Orienteering
Pamper Pole
Cargo Net
Zip Line

- 9202 Advanced Project Adventure A1, A3, S1, S2, S3, C1, C2, C3 Quarter Course 1.0 Cr.
Challenging ropes course that features higher climbing elements and requires a combination of team work and individual commitment. Prerequisite: Project Adventure and instructor approval.
- 9351 Interscholastic Sports S1, S2, S3, C1, C2, C3 Quarter Course 1.0 Cr.
- 9403 Independent Physical Education 12 S1 Quarter Course 1.0 Cr.
Your activity must run for at least one semester. You must keep an activity journal which will be turned in to the Physical Education Department Head two (2) weeks prior to the end of the semester. See your counselor to pick up forms needed for this option.
- 9404 Independent Physical Education (9 to 11) S1 Quarter Course 1.0 Cr.
Your activity must run for at least one semester. You must keep an activity journal which will be turned in to the Physical Education Department Head two (2) weeks prior to the end of the semester. See your counselor to pick up forms needed for this option.
Remember, this activity must be of a competitive nature.

SCIENCE, TECHNOLOGY AND ENGINEERING DEPARTMENT

The Masconomet Science, Technology and Engineering Program is designed to enable all our students to become scientifically and technologically literate citizens. This requires the development of scientific reasoning, a functional body of scientific knowledge, and understanding the role of technology in society. The Science, Technology and Engineering Program also enables those students planning to attend college or technical school to prepare for the wide range of majors that require a strong science, technology and engineering background. Three years of lab science are REQUIRED for graduation. One year must be in a biological science and one year in a physical science.

COURSE PROGRESSION

CP-2 LEVEL

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Science 9	Biology	Science, Technology and Society	Elective

COLLEGE PREP-LEVEL

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Science 9	Biology	Chemistry or Chemistry in the Community	Physics +/-or Elective

HONORS

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Biology	Chemistry, Honors Environmental Science, or Elective	Chemistry, Physics, A.P. Biology, A.P. Chemistry, A.P. Environmental Science	Physics, A.P. Biology, A.P. Chemistry, A.P. Environmental Science, A.P. Physics

Students may supplement the progression above by choosing among a variety of science and technology electives.

Teacher or Department Head approval is necessary for a student to move to the next level in Science.

This approval is based on prerequisites and on student characteristics shown to be necessary for success at the next level. Each science or technology selection must be initialed by the student's current teacher or the department head indicating his/her approval of the student's selection.

SCIENCE AND TECHNOLOGY DEPARTMENT

College Prep—2 Level

These courses stress science literacy. Students are frequently involved with hands-on activities. Teacher approval and signature on the course selection sheet is required for all science courses.

- 3111 Science 9 (9) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
This course covers the major concepts of physics including forces, motion, and energy. Practical aspects of science are stressed. Students enrolled in this course will take the Introductory Physics MCAS exam in June.
- 3211 Biology (10, 11) A1, A3, S1, S3, C1 Full Course - 5.0 Cr.
This course is a survey of biology. Particular emphasis is placed on understanding biological issues, that are necessary for informed citizenship (ecology, biological diversity) as well as those that relate to personal well-being (human biology and inheritance). Students enrolled in this course will take the Biology MCAS exam in June.
- 3711 Science, Technology and Society (11, 12) A1, A3, A4, S1, S3, C1, C2 Full Course - 5.0 Cr.
The purpose of this course is to provide students with ways to apply science and technology to their lives. Course topics are chosen for their relevance, and the approach to the subject matter will be heavily project-based. Topics to be addressed may include Energy in the Home; Transportation (personal and mass transit systems), The Machines in Our Lives; and Our Means of Communication: Present and Future. Students will also read and discuss current events in science and technology on a regular basis.

College-Prep Level

- 3121 Science 9 (9) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
Science 9 is an introductory science course focusing on the physics of forces, motion, heat, waves, and electromagnetism. This course requires a good working knowledge of basic algebra and graphing. Students will take the Introductory Physics MCAS exam in June.
- 3221 Biology (10) A1, A3, S1, S3, C1 Full Course - 5.0 Cr.
Biology is organized around four unifying themes: Unity, Interdependence, Continuity, and Diversity. The emphasis in this course will be on understanding the major principles of biology and related societal issues within the thematic framework. The course will prepare students for non-science college majors and will also prepare them for the MCAS Biology exam in June.
- 3311 Chemistry in the Community (11, 12) A1, A2, A3, S1, S3, C1, C2 Full Course - 5.0 Cr.
The central theme of this course is the role of chemistry in society. Fundamental chemistry concepts are integrated with the study of societal issues and applications to students' lives. Chemistry in the Community will prepare students for entrance into post-secondary programs in liberal arts, technical subjects, business and some allied health programs. This approach is less mathematical than the traditional chemistry course and is appropriate for college bound students who are not planning to major in science or engineering.

- 3321 Chemistry (11, 12) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
 This is a traditional college-preparatory course in chemistry. The first semester emphasizes the classification of matter, chemical equations, the mole concept, stoichiometry, atomic structure and the periodic table. The second semester focuses on kinetic theory, solutions, reaction rates, equilibrium, acids and bases, electrochemistry, elementary organic chemistry and modern theories of chemical bonding. Because of the abstract and mathematical nature of this course, students should have completed or be taking Algebra II and should have passed Algebra I with a B or better.
- 3421 Physics (11, 12) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
 This course employs a problem-solving approach with many experiments and demonstrations to produce student understanding of the physical laws fundamental to all sciences. Course topics include motion, momentum, work and energy, wave theory, light, sound, electricity and magnetism. Students should have successfully completed Algebra II or be taking it concurrently. Those students planning to major in engineering in college should consider taking Physics (H).
- 3521 Human Anatomy and Physiology (11, 12) A1, A3, A4, S1, S3 Full Course - 5.0 Cr.
 This rigorous senior elective is suggested for students interested in careers in health fields. Students gain a thorough understanding of the structure and function of the human body and medical applications are emphasized whenever possible. Prerequisites: Students must have successfully completed a course in biology and also should have completed, or be concurrently enrolled in, a course in chemistry. Students will be asked to purchase an expendable workbook and some colored pencils. Dissections are required in this elective course.
- 3621 Environmental Science (11, 12) A1, A3, A4, S1, S3, C1, C3 Full Course - 5.0 Cr.
 This course will provide students with an understanding of environmental issues from the standpoint of the underlying science concepts, principles and methods. This means that students must already have taken a course in biology so that they will be prepared to apply their knowledge of science to the analysis of environmental problems. The topics to be covered will include population biology (human, fisheries, wildlife), endangered species and biodiversity, pollution (causes, effects and control), how ecological systems function and how they can be managed, a survey of the ecology of marine, freshwater and terrestrial ecosystems, environmental ethics and conservation. A previous or concurrent course in chemistry is also recommended.
- 3021 Forensic Science (11, 12) A1, A3, A4, S1, S3, C2 Half Course – 2.5 Cr.
 This semester elective in science will provide an opportunity for students to learn how physical and biological science concepts are applied in investigative settings. Students will analyze various scenarios, collect evidence, and analyze situations from a scientific perspective. The course will build on concepts learned in previous courses in the biological and physical sciences.
- 3031 Bioethics (11, 12) A1, A3, A4, S1, S2, S3, C1, C2 Half Course – 2.5 Cr.
 This semester elective will focus on the ethical dilemmas resulting from emerging scientific knowledge and applications. Students will learn about bioethical issues from a historical perspective as well as examining positions on current issues such as scientific experimentation, genetic engineering, cloning, stem cell research, gene therapy, and pollution. Students

will read primary source materials from scientific journals and other sources and will participate in discussions and debates. The course will also include projects and position papers. Students must receive approval from the department head or current Bioethics teacher before registering for Bioethics.

- 6522 CAD I (9, 10, 11, 12) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
In this Computer Assisted Design course, students will learn universal drafting and design concepts. Students will start out by developing accurate 2-D designs using traditional drafting methods then move into the world of 3-D where students will ultimately apply design skills to developing objects and structures such as towers and futuristic vehicles. Students will use these designs to build actual prototypes. This course is essential for those students considering careers as engineers or graphic and computer graphic designers.
- 6722 Wood Technology I (9, 10, 11, 12) A3, S1, S3 Half Course - 2.5 Cr.
Students will learn techniques of woodworking and safety procedures. All available woodworking machines and tools will be employed, as students design and construct several progressively challenging projects throughout the semester. The goal of this course is to bring students to a level of craftsmanship that will enable them to take pride in their accomplishments. The basic elements of building design and the characteristics of different woods and their potential applications will be included.
- 6821 Wood Technology II (10, 11, 12) A3, S1, S3 Half Course - 2.5 Cr.
This course will teach students many more skills and advanced techniques in using the woodworking equipment than they learned in Wood Technology I. Design principles and applications and project planning will be stressed, along with creativity and fine workmanship, enabling students to create objects that are functional and aesthetically pleasing. Prerequisite: Completion of Wood Technology I with a grade of C or better.
- 6931 Pre-Engineering (10, 11, 12) A1, A2, A3, A4, S1, C1 Full Course - 5.0 Cr.
Pre-Engineering will investigate many areas of the engineering world through hands-on projects and activities. Students will be challenged to design solutions to real engineering problems. They then will learn about design and construction practices as well as tools and materials needed to solve engineering problems. Major portions of the course will involve working on a class project to learn about the demands and opportunities in the fields of technology and engineering.
- 7980 Architecture (10, 11, 12) A1, A3, A4, S1, S3, C1, C2, C3 Full Course-5 Cr.
This year-long introductory architecture course is offered by the Art and Science, Technology and Engineering Departments. During the first semester students will profit from the dynamic relationship between learning basic architectural concepts and physically employing them in the construction of prototypes. Important architectural principles are introduced through studio exercises, slide lectures and demonstrations. Students will develop an understanding of scale, form and spatial relationships by sketching, drawing, drafting and model-building. This hands-on knowledge will then be transferred second semester from the drawing boards and model making studio into the world of computer aided design (CAD). Through the use of the software program ArchiCAD students will be able to take their ideas and plans from the first semester and develop them into finished plans ready to be built. Students must take both semesters of this class.

- 2013 Prometheus Unleashed: Science and Society A1, A3, A4, S1, S2, S3, C2 Half Course 2.5 Cr.
Prometheus Unleashed: Science and Society is an interdisciplinary semester course that is offered to students in Grades 11 or 12 who are interested in exploring the interplay between scientific discoveries and societies, cultures, and political systems. In more traditional courses, students learn about scientific discoveries and historical events in isolation, which inhibits the development of a holistic understanding of the cause and effect relationships within the realms of natural science and social science that occur throughout history. Many of the current dilemmas that face societies today have parallels in history. For example, as scientists study the spread of avian flu or the possibilities of bioterrorism, the impact of events such as the influenza pandemic of 1918 or the Black Death can guide decisions about prevention and/or response. Current and future political leaders will have to make decisions about addressing issues such as global warming, stem cell research, alternative energy sources, and other issues where science and cultural/political norms may be at odds. Understanding these issues from multiple perspectives and drawing parallels from history will prepare students to be more informed citizens who are capable of making logical choices in their personal lives and their politics.

Honors Level

Honors level courses are designed to challenge students who may specialize in science or engineering in college. These courses require strong verbal skills and the ability to think quantitatively and abstractly.

Successful completion of Chemistry A.P., Biology A.P., Environmental Science A.P. and/or Physics A.P. may lead to Advanced Placement credit in college. Students who are enrolled in Advanced Placement courses are expected to take the corresponding A.P. exams in May.

- 3331 Biology (9) A1, A2, A3, A4, S1, S3 Full Course - 5.0 Cr.
This course includes a survey of the major topics in biology and prepares students for the MCAS Biology exam in June. Biology Honors requires advanced reading and writing skills and a strong work ethic. Investigative laboratory experiences are emphasized, and students are required to complete an independent science project.
- 3231 Chemistry (10, 11) A1, A2, A3, A4, S1, S3 Full Course - 5.0 Cr.
This is a rigorous course for high achieving science students with strong analytical skills. The course provides a more advanced treatment of the topics taught in Chemistry CP, and each student will complete an independent research project. Students will be prepared to take the MCAS Chemistry exam in June. Prerequisites: Completion, or concurrent enrollment in Algebra II H and completion of Biology H with a grade of C+ or better or completion of Biology CP with a grade of A- or better.
- 3431 Physics (12) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
This course provides a systematic introduction to the main principles of Physics including the topics of mechanics, waves, electricity, magnetism and light. Quantitative problem solving is emphasized through the use of a college text and related laboratory activities. This course is more intensive and analytical than the CP level course and students are expected to be highly motivated. Students should enroll in Physics H or AP, but not both. These are not concurrent courses. Prerequisite: A grade of C or higher in Precalculus H and a grade of C+ or better in Chemistry H or A- or better in Chemistry CP.

- 3611 Environmental Science (10, 11, 12) A1, A2, A3, A4, S1, S2, C2 Full Course - 5.0 Cr.
This course will provide students with an understanding of environmental issues from the standpoint of the underlying science concepts, principles and methods. The topics to be covered will include population biology (human, fisheries, wildlife); endangered species and biodiversity; pollution (causes, effects and control); how ecological systems function and how they can be managed; a survey of the ecology of marine, freshwater and terrestrial ecosystems; environmental ethics and conservation. Prerequisite: A grade of B+ or better in Biology or Chemistry CP or a C or better in Biology or Chemistry H.
- 3041 Bioethics (11, 12) A1, A3, A4, S1, S2, S3, C1, C2 Half Course—2.5 Cr.
This semester elective will focus on the ethical dilemmas resulting from emerging scientific knowledge and applications. Students will learn about bioethical issues from a historical perspective as well as examining positions on current issues such as scientific experimentation, genetic engineering, cloning, stem cell research, gene therapy, and pollution. Students will read primary source materials from scientific journals and other sources and will participate in discussions and debates. The course also includes projects and position papers. Students must receive approval from the department head or current bioethics teacher before registering for Bioethics.
- 3011 Forensic Science (11, 12) A1, A3, A4, S1, S3, C2 Half Course – 2.5 Cr.
This semester elective in science will provide an opportunity for students to learn how physical and biological science concepts are applied in investigative settings. Students will analyze various scenarios, collect evidence, and analyze situations from a scientific perspective. The course will build on concepts learned in previous courses in the biological and physical sciences. Students enrolled in Honors Forensic Science will complete more detailed projects than those students in the CP level of the course.
- 2014 Prometheus Unleashed: Science and Society A1, A3, A4, S1, S2, S3, C2 Half Course 2.5 Cr.
Prometheus Unleashed: Science and Society is an interdisciplinary semester course that is offered to students in Grades 11 or 12 who are interested in exploring the interplay between scientific discoveries and societies, cultures, and political systems. In more traditional courses, students learn about scientific discoveries and historical events in isolation, which inhibits the development of a holistic understanding of the cause and effect relationships within the realms of natural science and social science that occur throughout history. Many of the current dilemmas that face societies today have parallels in history. For example, as scientists study the spread of avian flu or the possibilities of bioterrorism, the impact of events such as the influenza pandemic of 1918 or the Black Death can guide decisions about prevention and/or response. Current and future political leaders will have to make decisions about addressing issues such as global warming, stem cell research, alternative energy sources, and other issues where science and cultural/political norms may be at odds. Understanding these issues from multiple perspectives and drawing parallels from history will prepare students to be more informed citizens who are capable of making logical choices in their personal lives and their politics.

Advanced Placement

- 3461 Physics A.P. (12) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
This course provides a thorough coverage of mechanics and an introduction to wave theory. It uses a calculus-based college physics text. The mathematical coverage is rigorous and utilizes calculus where appropriate. Students will prepare for the AP Physics C exam in Mechanics. Students should have completed, or be enrolled in Calculus H.

- 3541 Biology A.P. (11,12) A1, A2, A3, A4, S1, S3 Full Course – 5.0 Cr.
 This is a rigorous college-level biology course. Course content is prescribed by the College Board, and topics span all content areas within the field of biology. Students will be required to complete extensive reading and research outside of class. The laboratory component of this course is critical for mastery of concepts and skills, and many labs cannot be repeated due to limited longevity of organisms or biomolecules. Therefore, students should consider the impact of frequent or extended absences on their ability to complete the course requirements. Prerequisite: A grade of at least A– in both Biology CP and Chemistry CP or a C+ in both Biology H and Chemistry H. Students are expected to take the A.P. Biology exam in May. Completion of a summer assignment is also required, and students are responsible for obtaining the assignment from A.P. Biology teacher in June.
- 3441 Chemistry A.P. (11,12) A1, A2, A3, S1, S3 Full Course - 5.0 Cr.
 This advanced course is for students who will be majoring in science or engineering in college and who would like to prepare for the A.P. Chemistry exam. It involves a thorough treatment of the chemistry topics as outlined in the A.P. Chemistry syllabus. Students will use electronic instrumentation such as the spectrophotometer, pH meter and analytical balance to investigate concepts discussed in class. Enrollment is limited. Seniors will be given first preference. Prerequisite: A grade of A in Chemistry CP or a B in Chemistry H.
- 3631 Environmental Science A.P. (11,12) A1, A2, A3, A4, S1, S2, C2 Full Course - 5.0 Cr.
 This course will provide students with an understanding of environmental issues from the standpoint of the underlying science concepts, principles and methods. The topics to be covered will include population biology (human, fisheries, wildlife); endangered species and biodiversity; pollution (causes, effects and control); how ecological systems function and how they can be managed; a survey of the ecology of marine, freshwater and terrestrial ecosystems; environmental ethics and conservation. Students enrolled in this course will prepare for the A.P. Environmental Science test in May. Prerequisite: a grade of B or better in college-prep or a C or better in both Honors Chemistry and Biology.

SOCIAL STUDIES

DEPARTMENT

The Social Studies Department has developed a sequence of courses, the intent of which is to prepare students for their responsibilities as citizens of the world. Our programs in the high school build on the middle school coursework, giving students an understanding of modern world and American histories. As important, students will develop the skills of critical and creative thinking as a means to analyze the problems faced by America in the world community.

Grades 9, 10 and 11 courses are offered at three levels of sophistication: College-Prep 2, College-Prep and Honors. An Advanced Placement option will be offered at the eleventh grade level. In addition to the required courses, Social Studies electives are offered to students in Grades 9 through 12.

Three years of social studies are **REQUIRED** for graduation. Students must complete one year of Modern World history and two years of American history. As a graduation requirement beginning with the class of 2012 students are required to pass the History and Social Sciences MCAS at the end of junior year. Students in the classes of 2010 and 2011 will also take the MCAS exam but it will not be a requirement for graduation. In order to be assured that the students are prepared for the competency determination, students **MUST** take American History I during grade 10 and American History II during grade 11. Students that do not pass American History I must attend summer school in order to complete the history sequence in preparation for the History and Social Science MCAS at the end of their junior year. Students that do not follow the sequence of courses put themselves in jeopardy of not being properly prepared to successfully meet the MCAS requirement. (Due to the state-wide fiscal economic crisis, the MCAS requirement may be delayed.)

Students in grade 9 must enroll in World History II. Students who do not pass World History II or who transfer from another school and have not completed World History II will be required to fulfill this requirement by enrolling in two semesters of approved world history electives during senior year. This modification of the sequence of courses may only be done with Department Head approval. Those students' elective choices must also be approved by the Department Head.

Course numbers indicate the appropriate level by the **THIRD** digit in the course number: 1 = College-Prep 2; 2 = College-Prep; 3 = Honors; and 4 = Advanced Placement (A.P.). (This does not apply to electives. Electives are grouped by level in the Program of Studies.) Placement at a particular level requires written approval of the student's current Social Studies teacher or the Department Head.

COURSE PROGRESSION

COLLEGE PREP-2

GRADE 9	GRADE 10	GRADE 11	GRADE 12
World History II	American History I*	American History II*	Electives

COLLEGE PREP LEVEL

GRADE 9	GRADE 10	GRADE 11	GRADE 12
World History II	American History I*	American History II*	Electives

HONORS LEVEL

GRADE 9	GRADE 10	GRADE 11	GRADE 12
World History II	American History I*	American History II OR A.P. U.S. History*	Electives

* Electives may be taken in addition to the required courses at all grade levels.

COURSE DESCRIPTIONS

GRADE 9

- 2113 World History II A1, A3, A4, S1, S2, S3, C2 Full Course – 5.0 Cr.
2123 World History will continue the Grade 8 program and will focus on world historical issues
2133 from 1800 to the present. Students will actively analyze the events that have shaped our present world. Historically, students will look at the issues of world war, world depression, totalitarianism, decolonization, the Soviet Empire and the development of worldwide economic interdependence. Students will be grouped by ability and past performance.

GRADE 10

- 2213 American History I (1750-1865) A1, A3, A4, S1, S2, S3, C2 Full Course - 5.0 Cr.
2223 Students examine the historical and intellectual origins of the United States during the
2233 Revolutionary and Constitutional eras. They learn about the important political and economic factors that contributed to the outbreak of the Revolution as well as the consequences of the Revolution, including the writing and key ideas of the U.S. Constitution. Students also study the basic framework of American democracy and the basic concepts of American government such as popular sovereignty, federalism, separation of powers, individual rights. Students study America's westward expansion, the establishment of political parties, and economic and social change. Finally, students will learn about the growth of sectional conflict, how sectional conflict led to the Civil War and the consequences of the Civil War, including Reconstruction.

GRADE 11

- 2311 American History II (1865 to Present) A1, A3, A4, S1, S2, S3, C2 Full Course - 5.0 Cr.
2321 This is a chronological survey of American History with a heavy emphasis on America in the
2331 20th Century. The course will examine the emergence of America as an industrial, economic, and world political power and the influence of that growth on American culture. Significant emphasis will be placed on America in the post World War era as she faces the challenges responsibilities, and problems confronting her as a super power.

OR

- 2441 United States History (11, 12) A1, A3, A4, S1, S2, S3, C2 Full Course - 5.0 Cr.
AP This course is a college-level learning experience involving a chronological, in-depth study of American History from 1610 to the present. The course requires solid essay writing skills, note taking, numerous readings, critical thinking tasks, independent research and classroom discussion. The program is designed to challenge the student academically and to facilitate transition from the secondary school to college. Department Head approval is required for acceptance into this course. The expectations and grading will reflect the rigor of an A.P. program. All students enrolled in this course are expected to take the A.P. exam in May.

Electives

Courses offered as electives in the Social Studies program build on the knowledge that students have gained through their Social Studies courses in Grades 9-11. In each course, the student will use and expand his/her knowledge in the study of contemporary issues. Electives will run based on adequate enrollment requests and available funding. The appropriate grade level for each elective is listed after the course title.

COLLEGE-PREP LEVEL

2502 Economics: How America Works (11, 12) A1, A3, A4, S1, S2, S3, C2 Half Course—2.5 Cr.
Please see course description included with Honors Level selections.

2881 World Studies (11, 12) A1, A3, A4, S1, S2, S3, C2 Full Year Course 5.0 Cr.
Please see course description included with honors level selections.

2661 Introduction to Psychology (11, 12) A1, A3, A4, S1, S2, S3, C2 Half Course - 2.5 Cr.
Introduction to Psychology will survey the field of psychology. Its purpose is to introduce students to the study of psych psychology and allow students to see how psychology can be applied to their own behavior to help them understand why they do what they do. The course will provide for this understanding through worksheets, class discussions, experiments and simulations, videos and student research. The topic of human sexuality and its influence on one's personality is also explored.

2751 Introduction to Geography (9, 10, 11, 12) A1, A3, A4, S1, S2, S3, C2 Half Course - 2.5 Cr.
Similar in content to the Advanced Placement Geography course, this program will deal with major current and historical problems affected by human interaction with the earth's

THIS COURSE WILL NOT BE OFFERED DURING 2009-2010

Surface. Students will gain skills in problem solving and an expanded knowledge of the field of geography. A major emphasis in the course will be an experiential approach to a series of issues presented for student analysis.

2861 Ancient History (9, 10, 11, 12) A1, A3, A4, S1, S2, S3, C2 Half Course - 2.5 Cr.
Please see course description included with Honors Level selections

2662 Experiencing Psychology (9, 10) A1, A3, A4, S1, S2, S3, C2 Half Course - 2.5 Cr.
The field of Psychology helps us to better understand who we are. Using the tools of modern psychology, students will explore the world of thought, personality, identity, learning and adjustment. The class will be primarily experience-based in order to introduce students to the concepts of psychology which can be explored in more depth in later years in the Introduction to Psychology and A.P. Psychology courses.

6321 Early Childhood Education (10, 11, 12) A1, A3, A4, S1, S2, S3, C2 Full Course - 5.0 Cr.
This program provides students with the opportunity to learn the basic concepts regarding child development, to learn to be reflective about interactions with children, to gain a sense of how a child experiences the world, and to acquire skills needed for child care responsibilities in a day care program. Students also have the opportunity to learn about career opportunities in the field of Early Childhood Education.

2721 Introduction to Sociology (10, 11, 12) A1, A3, A4, S1, S2, S3, C2 Half Course - 2.5 Cr.
Introduction to Sociology will explore the behavioral science of sociology. Its purpose is to introduce the student to the scientific study of group behavior and group dynamics, as well as examine how the individual mutually affects and is affected by the social environment. The course will examine the sociological research process, major sociological principles and theorists. In addition, emphasis will be placed on applying these principles to understanding every day situations. This course will provide this knowledge through readings, case studies, class discussion, simulation and experimentation. This course may be taken for honors credit (Course #2723).

2821 World Religions and Philosophies (10, 11, 12) A1, A3, A4, S1, S2, S3, C2 Half Course - 2.5 Cr.
The need to understand our relationship with the earth, each other and the experience of the transcendent has led to the development of many different religions. This course will study the

THIS COURSE WILL NOT BE OFFERED DURING 2009-2010

various religious and philosophical traditions which have developed in world history as humans attempt to answer the questions "Who Am I?" and "What Am I Doing Here?" This course may be taken at the honors level. (Course #2811)

2021 Asia and the Middle East (11, 12) A1, A3, A4, S1, S2, S3, C2 Half Course.- 2.5 Cr.
Western people often do not realize that the religions, cultures, histories, and environments of Southwest Asia and the Middle East have developed a very different worldview in minds of the peoples from this area. Our study will involve a look at the history, culture and religion in this region, including such places as Afghanistan and the countries of the Middle East. We will also examine the effect that this area of the world is having on America in the 21st Century. This course may be taken for honors credit. Course #2023

2532 Get Up Stand Up...Stand Up for Your Rights - Civil Rights Movement in America (10,11,12)
A1, A3, A4, S1, S2, S3, C2 Half Courses - 2.5 Cr.

THIS COURSE WILL NOT BE OFFERED DURING 2009-2010

Please see course description included with Honors Level selection

2542 "What a long, strange trip it has been!" - America's Journey Through the 1960's
(10, 11, 12) A1, A3, A4, S1, S3, C2 Half Courses—2.5 Cr.
Please see course description included with Honors Level selection

2010 Women In American History A1, A3, A4, S1, S2, S3, C1, C2 Half Course 2.5 Cr.
Please see course description included with Honors Level selections

2831 Sports, Society and Culture A1, A3, A4, S1, S2, S3, C1,C2 Half Course 2.5 Cr.
Sports have played a vital role in global culture, especially in the last one hundred years. In many ways, a close examination of sports provides a useful window into the experience of many groups of people. Events in the wide world of sports can have a meaning far beyond the score of a particular game. This course will examine the nature of various sports and their role in global society from historical and contemporary perspectives. We will consider the relationship between sports and such issues as gender, race, class, ethnicity, sexuality, nationalism, and the role of the media in order to determine how developments in sports have influenced, and have been influenced by society and culture. (cont'd.)

Most people in industrialized countries are at least somewhat interested in sports, many are downright fanatical about it. They attend games, read the sports pages and sport magazines, and talk endlessly about the subject. Although they often have knowledge of the most obscure facts about sport, they do not necessarily understand sport. How is sport linked to other institutions of society? What role does sport play in transmitting values to youth? Does sport perpetuate gender-role stereotypes? How is sport linked to aggression? Is it true, as many analysts argue that sport is a microcosm of society? These are some of the many issues that we will examine in this course.

- 2013 Prometheus Unleashed: Science and Society A1, A3, A4, S1, S2, S3, C2 Half Course 2.5 Cr.
Prometheus Unleashed: Science and Society is an interdisciplinary semester course that is offered to students in Grades 11 or 12 who are interested in exploring the interplay between scientific discoveries and societies, cultures, and political systems. In more traditional courses, students learn about scientific discoveries and historical events in isolation, which inhibits the development of a holistic understanding of the cause and effect relationships within the realms of natural science and social science that occur throughout history. Many of the current dilemmas that face societies today have parallels in history. For example, as scientists study the spread of avian flu or the possibilities of bioterrorism, the impact of events such as the influenza pandemic of 1918 or the Black Death can guide decisions about prevention and/or response. Current and future political leaders will have to make decisions about addressing issues such as global warming, stem cell research, alternative energy sources, and other issues where science and cultural/political norms may be at odds. Understanding these issues from multiple perspectives and drawing parallels from history will prepare students to be more informed citizens who are capable of making logical choices in their personal lives and their politics. This course may be taken at the honors level. (Course #2014)

HONORS LEVEL ELECTIVES

- 2441 United States History A.P. (11, 12) A1, A3, A4, S1, S2, S3, C2 Full Course - 5.0 Cr.
This course is a college-level learning experience involving a chronological, in-depth study of American History from 1610 to the present. The course requires solid essay writing skills, note-taking, numerous readings, critical thinking tasks, independent research and classroom discussion. The program is designed to challenge the student academically and to facilitate transition from the secondary school to college. Approval of your current social studies teacher is required for acceptance into this course. The expectations and grading will reflect the rigor of an A.P. program. All students enrolled in this course are expected to take the A.P. exam in May.
- 2443 A.P. European History (10, 11, 12) A1, A3, A4, S1, S2, S3, C2 Full Course - 5.0 Cr.
A.P. Europe is a college-level course. It requires students to possess good skills in essay writing, document analysis, critical thinking and discussion. The student must be a responsible student willing to undertake independent research. The program will assist students in the transition to college. In addition to providing a basic exposure to the factual narrative, the goals are to develop an understanding of some of the principal themes in modern European History (1450 to present). Approval of your current social studies teacher is required for acceptance into this course. Students are expected to take the A.P. Exam in May.

- 2891 World Studies (11, 12) A1, A3, A4, S1, S2, S3, C2 Full Year Course 5.0 Cr.
 This course replaces International Relations. The intention of the course is to teach academic responsibility while at that same time developing skills in the area of research, oral communications, and critical thinking. The course will include an introduction to the key concepts of international relations. A case study approach will be used to analyze current international problems around the world. Emphasis will be placed on current events. The course will involve research work, extensive reading, paper writing, presentations, and debate. Students who have met success in college-prep level social studies courses are encouraged to select this course as a solid foundation for college work. If students wish less rigorous requirements, they may opt to take this at the college-prep level.
- 7601 Advanced Placement Art History (10, 11, 12) A1, A3, A4, S1, S2, S3, C1, C2 Full Course 5.0 Cr.
 The Advanced Placement Art History course is jointly offered by the Art and Social Studies Departments. It is designed to provide an introductory college level course in Art History regardless of whether one has had previous experience in studio art or art history. The Advanced Placement Art History course is designed to provide students with an understanding and enjoyment of a range of works of art-painting, sculpture, architecture as well as a variety of other art forms within both historical and cultural contexts. In the course, students will examine the major forms of artistic expression from the past, from our own time, as well as from culture different than ours. Students will learn to look at works of art critically, with intelligence and sensitivity, and they will then be asked to articulate what they have seen or experienced in those works. Central objectives of the course will reflect the format and requirements established by College Board for the Advanced Placement Art History course. It is hoped that students with a strong interest in history, humanities, and/or the visual arts will find this course interesting.
- 2503 Economics: How America Works (11, 12) A1, A3, A4, S1, S2, S3, C2 Half Course - 2.5 Cr.
 The focus of this course will be to give students a real-world understanding of how our economy works today and the challenges facing us as we compete in a global economy. We will begin by learning basic economic principles including supply and demand, the workings of the stock market, economic cycles, and foreign trade. We will then examine how these principles work in the real world by tracking the economy and exploring how we will compete in the 21st century. We will read current periodicals, use computer models, listen to guest speakers, and debate U.S. trade policy. Each student will complete an individual project that looks into how a local company is facing the 21st century. If students wish less rigorous requirements, they may opt for college-prep level credit by signing up for Course #2502.
- 2723 Introduction to Sociology (10, 11, 12) A1, A3, A4, S1, S2, S3, C2 Half Course – 2.5 Cr.
 See description under College Prep section. Honors students will be grouped with college prep students, but will receive honors level assignments.
- 2841 A.P. Psychology (11, 12) A1, A3, A4, S1, S2, S3, C2 Full Course - 5.0 Cr.
 A.P. Psychology is a college-level course. It is much more theoretical and scientific than Introduction to Psychology and makes more demands on the student for independent study. This course may be taken in addition to Introduction to Psychology or may be taken on its own. This course has a rigorous academic curriculum. Approval of your current social studies teacher is required for admission to this course. Students are expected to take the A.P. Exam in May. It is highly recommended that students wishing to major in Behavioral or Social Sciences take the Statistics Honors course offered by the Math Department.

2871 Ancient History (9, 10, 11, 12) A1, A3, A4, S1, S2, S3, C2 Half Course - 2.5 Cr.
Since revising our 7-12 program to conform to the Frameworks, Ancient History as a field has been moved to the Grade 6 classes. A group of 15 high school students who are interested in history have petitioned the department to offer a new elective in this area. The program would teach the history of human kind from its earliest beginnings in Africa, through to the development of early civilizations world wide, bringing them up to the period of the Middle Ages of Europe. An emphasis will be placed on the political, social and economic development of cultures as well as the hallmarks of civilization such as religion, music, art and literature. Students may opt for College-prep level credit by signing up for Course #2861.

2741 A.P. Human Geography (10, 11, 12) A1, A3, A4, S1, S2, S3, C2 Full Course - 5.0 Cr.
Advanced Placement Geography will meet the standards of the College Board Advanced Placement Program. The course will deal with the major themes of geography as described by the National Geographic Association. Students will be exposed to issues of place, political, social

THIS COURSE WILL NOT BE OFFERED DURING 2009-2010

and economic geography. They will also be introduced to modern technology-based tools used by the geographer. A major emphasis in the course will be in solving current and historical problems affected by human interaction with the earth's surface.

2532 Get Up Stand Up...Stand Up for Your Rights - Civil Rights Movement in America (10,11,12) A1, A3, A4, S1, S2, S3, C2 Half Courses - 2.5 Cr.

What was the Civil Rights Movement and how does it affect America today? *Get Up Stand Up* is a thematic course which is designed to allow you to explore in greater depth race relations in America during the 1960's. Relying heavily upon documentary footage and film, the course will explore the major racial and socioeconomic events that impacted your

THIS COURSE WILL NOT BE OFFERED DURING 2009-2010

parent's generation. In addition to pivotal figures such as Martin Luther King, Malcolm X, Robert Kennedy, and George Wallace, the course will examine the role of larger organization such as the NAACP, SNCC, Black Panthers, the Nation of Islam and others. Special attention will be directed to popular culture issues such as entertainment and professional sports to examine their impact in both reflecting and impacting the movement.

2023 Asia and the Middle East (11 & 12) A1, A3, A4, S1, S2, S3, C2 Half Course—2.5 Cr.
Western people often do not realize that the religions, cultures, histories and environments of Southwest Asia and the Middle East have developed a very different world view in minds of the peoples from the area. Our study will involve a look at the history, culture and religion in this region, including such places as Afghanistan and the countries of the Middle East. We will also Examine the effect that this area of the world is having on American in the 21st Century. Course may be taken for CP credit. Course #2021

2541 "What a long, strange trip it has been!" - America's Journey Through the 1960's (10, 11, 12) A1, A3, A4, S1, S3, C2 Half Courses—2.5 Cr.
The years from the election of John F. Kennedy to the Watergate Scandal mark a unique and chaotic period in American History. They also mark the most significant time period in terms of understanding America in the years 2002-2003. This course proposes to examine with depth, the political, social and cultural climate of this period. Through the use of music, video, literature, and documents, we examine the key questions of the day. Topics will include the Presidency and the assassination of JFK, the fight for civil rights for minority groups in

America, the Vietnam Conflict, the counterculture, and the scandal growing from the break-in at the Watergate Hotel. We will also look at the key figures in art, literature, politics, music, athletics and radical movements of the time and their influence in shaping the times of the 60's today.

2015 Women in American History A1, A3, A4, S1, S2, S3, C1, C2 Half Course 2.5 Cr.

This course will discuss American Women's History beginning with the Gilded Age through present day. During this period in history, women had more influence than is discussed in traditional history. They influenced many of the norms, attitudes and legislation of the period. Beginning with the suffragettes, the progressive movement, the 1920s and the New Deal Era women had an enormous impact of legislation that was passed and the attitudes of the age. During World War II women played an integral part of the United States' war success. Following the war, they continued to influence the consumer culture of society, as well as the norms and attitude of the age. Following the publishing of Betty Friedan's *Feminine Mystique*, in 1962, women began to push for and gained greater equality in home, the workplace and society as a whole.

Women in American Society have struggled to gain their place and have often had to fight against the male dominated structure and ideals. This course will track women's place in American society through historical documents, film and most importantly literature. Discussion will be the main form of pedagogy. Students will be responsible for writing short essays and journal entries.

2014 Prometheus Unleashed: Science and Society Half Course 2.5 Cr.

Prometheus Unleashed: Science and Society is an interdisciplinary semester course that is offered to students in Grades 11 or 12 who are interested in exploring the interplay between scientific discoveries and societies, cultures, and political systems. In more traditional courses, students learn about scientific discoveries and historical events in isolation, which inhibits the development of a holistic understanding of the cause and effect relationships within the realms of natural science and social science that occur throughout history. Many of the current dilemmas that face societies today have parallels in history. For example, as scientists study the spread of avian flu or the possibilities of bioterrorism, the impact of events such as the influenza pandemic of 1918 or the Black Death can guide decisions about prevention and/or response. Current and future political leaders will have to make decisions about addressing issues such as global warming, stem cell research, alternative energy sources, and other issues where science and cultural/political norms may be at odds. Understanding these issues from multiple perspectives and drawing parallels from history will prepare students to be more informed citizens who are capable of making logical choices in their personal lives and their politics.

MISCELLANEOUS OFFERINGS

INDEPENDENT STUDY

A program of independent study is available for selected students who would like to conduct an in-depth exploration of a particular area of interest in close association with an adult tutor. This program stresses intellectual and creative rigor and is highly student-directed.

Students should discuss the Independent Study option with their counselor. Upon nomination of the counselor, a faculty member or an administrator, the student is expected to draft a study proposal in cooperation with an adult tutor. The tutor may be from the Masconomet staff or from the community. The proposal must be approved by the Principal before work begins.

The credit award for Independent Study is variable and based on the scope of the project. In some cases the project may replace a major course. Usually, the project is done as a complement to the student's normal class load.

Independent Study grades will not be used to calculate the student's G.P.A.

STUDENT VOLUNTEER INTERN PROGRAM (S.V.I.P.) (9-12) Sem. 1 & 2-1 to 2 Cr.

The S.V.I.P. is designed to help students develop self reliance, independence, good work habits, reliability and interpersonal skills while serving the Masconomet community. Students will contract through a faculty member or the administration to serve the school through a program consistent with their interests and abilities. Contracts will involve 3 to 6 periods per cycle. Upon successful completion of the contract, the student will be awarded from 1 to 2 credits. A student may earn a maximum of 4 credits through the S.V.I.P. during his/her secondary years that will count toward graduation.

SENIOR INTERN STUDY PROGRAM

Internships are available for qualified seniors during the fourth quarter of the senior year. This program began several years ago with the League of Women Voters' Legislative Internship at the State House and was expanded to include a variety of internships at Beverly Hospital, local elementary schools and other area businesses. Although internships have been increasingly popular, students may also contract to do independent research projects.

An assembly is held in January to describe the program. Students design their own Intern Study Proposals according to program guidelines.

Those enrolled in a fourth quarter intern study program may terminate their scheduled courses at the end of the third quarter. Students may also design their internship by remaining in some courses and participate in the Intern Study Program part-time. Grades and credits for the fourth quarter internship will be determined as follows:

1. Final grades for Semester Two courses to equal the third quarter grade;
2. Credit for these courses to be 1/2 the normal value;

3. The fourth quarter course "Intern Study Program" will be added to each participant's schedule. This course will be assigned five credits. These credits will not calculate toward the GPA.
4. The English 12 fourth quarter grade requires the student's intern study final paper.
5. The intern study grade will be based on student attendance, mid-quarter review, site evaluation, project presentation and final paper.
6. Students may work independently or in groups as approved by the Intern Study Committee. (C1)

All Intern Study courses will be graded Pass or Fail . The evaluation of the student's performance by the guide and the staff mentor will be included in the student's cumulative folder.

The eligibility requirements for participation in the program are listed below. You should consider the program and its eligibility requirements now so that you will have the flexibility to participate, should you wish.

Successful completion of a fourth quarter Intern Study Program is one requirement for graduation for those who participate.

REQUIREMENTS FOR PARTICIPATION IN THE INTERN STUDY PROGRAM

1. A senior who is scheduled for sufficient credits/courses to receive a diploma in June.
2. Students must have teachers sign checkout form; no outstanding obligations. (S1)
3. Not on Social or Academic Probation. (S1)
4. No suspension(s) during the quarter prior to participation. (S1)
5. The Intern Study Committee must approve all intern proposals.
6. The Upper House Assistant Principal must approve all interns.
7. Positive recommendations must be obtained from the student's Guidance Counselor.
8. Positive attendance history:
 - a. No student may be absent, tardy or dismissed from any class more than 15 times with the exception of field trips, medically documented illnesses, and pre-approved college visits.
 - b. All prospective interns must adhere to the mandatory checkout on the Friday before April vacation.
 - c. No extended April vacations prior to or into the internship will be approved.
9. If a student chooses to take any AP exams in May, he/she must continue enrollment in that class until the exam.

TECH PREP PROGRAM 2 + 2 (Getting a head start towards college)

Masconomet High School has entered into several articulated agreements with North Shore Community College. This program provides advanced placement and/or college credits to qualified high school students for certain skills mastered in high school which the agreements certify to be the equivalent of skills taught in some introductory courses offered in the college classroom.

The following areas are currently involved in the 2 + 2 program:
Accounting, Principles of Accounting (H), Computer Science III, and EMT-B.

**KEEP YOUR OPTIONS OPEN!
START THINKING ABOUT YOUR FUTURE**

Identify yourself as a potential TECH PREP (2 + 2) student and take advantage of the opportunities offered for dual credit. Consider making an initial commitment by filing a non-binding enrollment form with your guidance counselor or with your teacher in the above designated courses. The majority of jobs in the next decade will require more than a high school diploma. Your guidance counselor has a listing of courses suggested for students planning a TECH PREP sequence with North Shore Community College or Northern Essex Community College. It is always advised that each student take the most difficult level of each course that he/she can handle.

SEE YOUR GUIDANCE COUNSELOR FOR ADDITIONAL DETAILS!!

NORTH SHORE REGIONAL TECHNICAL SCHOOL

Full-Time Program:

Parents and students should be informed of this educational option and be given the opportunity to ask questions and further investigate technical education. Listed below are the course offerings expected to be available. Brochures are available in the Middle School Guidance Office that explain in detail the objectives and content of each program. Masconomet is a member of the Regional Technical School District and can send any number of students to the school. Tuition and transportation are at no cost to the student. Feel free to call the Guidance Office for more information.

Available Programs

Auto Body	Electronics/Computer Tech.
Auto Mechanics	Fashion Design
Building Trades Technology	Health Technology
Carpentry	Marketing Education
Commercial Art	Masonry
Cosmetology	Welding
Culinary Arts	

SUMMER SCHOOL

Masconomet will offer summer school courses for remediation during July and August of 2009. These courses will enable students to make up courses failed during the regular academic year. The remedial program is described in detail below.

Remedial Program

Any student who has failed either or both semesters of one or more of the following required courses should select the appropriate summer school option. Mastery of the objectives of these courses is required before the student will be allowed to continue in the required sequence of courses in that department. Permission to pursue a remedial option other than the Masconomet Summer School must be obtained in writing from the Senior High School Principal prior to the end of June. Some students who have failed due to chronic truancy or other attendance problems may be required to repeat the course rather than attend summer school.

Required Course

English 9
English 10
English 11
English 12

American History I
American History II
World History II

Algebra I
Algebra II
Geometry
Advanced Math

Spanish I CP/CP 2
Spanish II CP/CP 2
Spanish III CP/CP 2

Summer Option

English 9, Semester I and/or II
English 10, Semester I and/or II
English 11, Semester I and/or II
English 12, Semester I and/or II

American History I, Semester I and/or II
American History II, Semester I and/or II
World History II, Semester I and/or II

Algebra, Semester I and/or II
Algebra II, Semester I and/or II
Geometry, Semester I and/or II
Advanced Math, Semester I and/or II

Spanish I, Semester I and/or II
Spanish II, Semester I and/or II
Spanish III, Semester I and/or II

Students going from Grade 8 to Grade 9, who are recommended for summer school, have two options: those scheduled to take Algebra I (cont) in Grade 9 should take the three-week program in Basic Math Skills; those scheduled to take Geometry in Grade 9 should take the six-week course in Algebra I.

Students who have scored below 240 on MCAS tests taken in grades 7 or 8 are encouraged to enroll in one or more of the following courses (each will run for three weeks):

Connections in English

Connections in Mathematics

A student may enroll in a maximum of two summer school courses (or one course plus two Connections classes). Summer school begins on July 1, 2009 and ends on August 12, 2009. There will be no classes on Friday, July 3. The tuition is \$300 for each six-week and \$150 for each three-week course.

Courses will be offered in two-hour blocks at the times listed below and will meet Monday through Friday starting **Wednesday, July 1, 2009**. Parents must arrange their vacation plans around summer school if their child is to be successful.

Summer School Schedule

8:00-10:00	1 st Block
10:00-10:15	Break
10:15-12:15	2 nd Block

All students attending summer school should report at 8:00 a.m. on **Wednesday, July 1**. Students will be notified before they leave school that day as to their schedule for the rest of summer school.

Students are scheduled according to the following priorities:

Students who need to take two classes are able to do so

Class size is balanced as much as possible so that each student's needs can be met

Student preference as to class time

To receive credit for a summer school course, the student must demonstrate mastery of the material. The earliest a student will be given the opportunity to demonstrate mastery, is July 22, 2009 (three weeks into the program) if he/she has been present in 85% or more of the class sessions and has completed all work to the satisfaction of the teacher. **Most students will need to remain the entire six weeks to complete requirements of the courses.** A student whose attendance level is below 85% on August 12 will not receive credit for summer school.

Grades received in the remedial summer school will appear on the student's transcript as Pass or Fail and will not be used in the calculation of his/her grade point average. The student's original grade will also appear on the transcript.

Registration for summer school should be completed by June 30, 2009 although late registrations will be accepted. Full payment of tuition must be included with the registration form. Registration forms will be available after June 1 in the Guidance Office, Senior High School Principal's Office, and on the Masco web page.

All students must discuss their situation with their teacher and counselor prior to registering for summer school.

Enrichment Program

Some Enrichment courses may be offered this summer. These courses will be conducted only if sufficient enrollment exists. Please see Mrs. Irene Duros regarding the Health courses. Times, dates and tuition will be announced in June.

Computer Camp I: July 13—July 17, 9:00 am—noon

Learn Macromedia Flash to create interactive computer-based animations. Major project will include the creation of an animated drum set. You will be able to post this drum set on-line and send to your

friends via email.

Tuition: \$100

Maximum #: 12

Computer Camp II: July 20—July 24, 9:00 am—noon

After completing Computer Camp I, you will apply your new Flash skills to create a fully functioning video game. You will be able to post this game on-in and send to your friends via email.

Tuition: \$100

Maximum #: 12

Questions about the Computer Camps should be directed to Alan McCarthy, Computer Science and Business Teacher. He can be reached by phone at: 978-887-2323 ext. 1301 or by email at: amccarthy@masconomet.org