

WAREHAM HIGH SCHOOL

Program of Studies

2011-2012



Cover Art by Laura McQuade

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HOW TO USE THIS CATALOG

The **PROGRAM OF STUDIES** and the course registration process will be explained to you during class assemblies. After discussing course offerings with your teachers, you will have an opportunity to meet with your counselor to review graduation requirements, WHS Graduation Expectations, career goals, and college entrance requirements. During this conference your counselor will discuss course / level placements and elective options. **You are advised to take this process seriously and make your choices wisely.** Before you meet with your counselor you should complete the following:

1. Review your **past academic performance**.
2. Discuss **your plans** with your family and your counselor to develop your long-range program.
3. Consider **your goals** and the courses that will help you to achieve these goals.
 - Take courses that will challenge you to stretch your mind and your imagination.
 - What subjects do I need to meet graduation requirements?
 - What courses do colleges and employers want me to have?
 - What subjects am I most interested in?
 - Which subjects are usually hardest / easiest for me?
 - What would I like to do after graduation?
 - What is my career goal?
 - What activities will I be involved in next year? How might they affect my choice of courses?
4. Discuss course descriptions / requirements with your teachers and Department Chairpersons.
5. **TAKING 3 OR MORE "AP" COURSES WILL REQUIRE A SIGNIFICANT ALTERATION OF YOUR OUT-OF-SCHOOL RESPONSIBILITIES.**
6. Fill in **the course registration form PRIOR** to your scheduled conference with your counselor.

Finally, **YOUR SCHEDULE OF COURSES IS THE MOST IMPORTANT THING YOU WILL HAVE TO DECIDE ON IN HIGH SCHOOL.** Our general requirements ensure that you will receive a balanced education in all areas, with strong emphasis on the skills and competencies required to live successfully in the rapidly changing world of the 21st century. The elective programs that you choose should prepare you in a meaningful way for your future and should give you the opportunity to expand your horizons by providing new learning opportunities.

****PLEASE BE AWARE THAT IN THIS YEAR, AS IN EVERY YEAR, LOW ENROLLMENT MAY RESULT IN THE ELIMINATION OF COURSE OFFERINGS DURING THE REGISTRATION PROCESS.****

Wareham High School

The course selection process is extremely important and deserves your fullest attention because you will live for the next school year with the decisions you make now. Those decisions will either limit or open opportunities for you upon graduation. This **PROGRAM OF STUDIES** has been prepared to help you make wise course selections for the next school year. To help you in your course selection process, this booklet contains valuable information, including:

- * Wareham Public Schools' graduation requirements
- * Academic expectations from a variety of college admissions offices
- * NCAA eligibility requirements
- * Course descriptions which include the skill and content learner outcomes which are assessed in each course

You should be familiar with all of these items so you can plan a program of studies that will help you achieve your goal of graduation and success after high school. **School and learning are the top priorities for every high school student.** Therefore, you should take a course of studies that will challenge you **to stretch your mind, to explore new areas of interest and learning** while, at the same time, allowing you to fulfill your out of school responsibilities. The entire staff, teachers, department leaders, guidance counselors, and administrators are ready to answer your questions and guide you toward a program that will meet your individual needs. Please select your courses with care. **THE SCHEDULE THAT YOU DEVELOP DURING THIS TIME WILL BE TREATED LIKE A CONTRACT - YOU WILL BE EXPECTED TO TAKE ALL THE COURSES ON YOUR SCHEDULE.**

NEASC ACCREDITATION STATEMENT Wareham High School is accredited by the New England Association of Schools and Colleges, Inc., a non-governmental, nationally recognized organization whose affiliated institutions include elementary schools through collegiate institutions offering post-graduate instruction. Accreditation of an institution by the New England Association indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer group review process. An accredited school or college is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and give reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation. Accreditation by The New England Association is not partial but applies to the institution as a whole. As such, it is not a guarantee of the quality of every course or program offered, or competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution. Inquiries regarding the status of an institution's accreditation by the New England Association should be directed to the administrative staff of the school or college. Individuals may also contact: NEW ENGLAND ASSOCIATION OF SCHOOLS AND COLLEGES, 209 BURLINGTON ROAD, BEDFORD, MASSACHUSETTS 01890 (781) 271-0022, FAX (781) 271-0950. Wareham High School is accredited by the Massachusetts State Department of Education and is a member of the New England Association of Colleges and Secondary Schools.

Wareham High School Core Values and Beliefs

The mission of Wareham Public Schools is to educate all students for life's responsibilities, challenges and opportunities.

We believe...

- All children can achieve
- Education is key to a successful life
- Education sets high expectations for each individual in the school community
- Education requires respect for one another, the community, and ourselves
- Education requires a commitment to life-long learning
- Education requires diligent effort and responsibility
- Education is a partnership among home, school, and community
- Communication is a cornerstone to fulfilling our vision

Wareham High School will prepare its students for further academic and occupational opportunities, social responsibility, and commitment to community. By maintaining high academic standards through a rigorous course of study, students will be expected to apply effective effort in order to master skills and to value scholarship, citizenship, craftsmanship, and sportsmanship. Students will demonstrate that they are independent and critical thinkers who can make sound judgments and decisions as citizens, consumers, and life-long learners.

Wareham High School 21st Century Learning Expectations

Wareham Students Will *ACQUIRE* Information in a Variety of Ways

- A.1 By actively and critically reading, listening, discussing, Observing, and participating
- A.2 By questioning appropriately
- A.3 By researching independently
- A.4 By locating and retrieving information through appropriate use of technology

Wareham Students Will *INTERPRET* Information in a Variety of Ways

- I.1 By employing critical thinking and problem solving skills
- I.2 By evaluating for trends, patterns, comparisons, and relationships
- I.3 By making inferences and drawing conclusions

Wareham Students Will *COMMUNICATE* Information in a Variety of Ways

- C.1 By writing and speaking clearly
- C.2 By selecting and applying effective techniques in performance tasks and demonstrating proficiency
- C.3 By presenting creatively in a variety of media, including Technology

Wareham Students Will *ACT RESPONSIBLY AND RESPECTFULLY* in a Variety of Ways

- R.1 By demonstrating academic integrity
- R.2 By participating and working cooperatively in school groups
- R.3 By demonstrating the correlation between effort and achievement by meeting or exceeding academic expectations
- R.4 By understanding the achievements and traditions of a multicultural and global society
- R.5 By engaging in the democratic process

Wareham High School's 21st Century Expectations for Student Learning are demonstrated in the Comprehensive Student Portfolio.



*MassCore Course of Studies is **recommended** for all students. It is **required** for students in the Class of 2014 and beyond.

This is the definition of MassCore from the Massachusetts DESE:

The Massachusetts High School Program of Studies (MassCore) is a recommended, rigorous course of study based on standards in Massachusetts's world-class curriculum frameworks that align high school coursework with college and workforce expectations.

The recommended program of studies includes: four units of English, four units of mathematics, three units of a lab-based science, three units of history, two units of the same foreign language, one year of the arts and five additional "core" courses such as business education, health, and/or technology. MassCore also includes additional learning opportunities including AP classes, dual enrollment, a senior project, online courses for high school or college credit, and service or work-based learning.

A committee comprised of secondary and postsecondary educators, high school students, guidance counselors, members of the business community, Department of Higher Education and Department of Elementary and Secondary Education staff met several times from spring through fall and winter of 2006-2007 to identify the courses and the number of units in the recommended program of studies. A complete list of committee members is available at <http://www.doe.mass.edu/hsreform/masscore/members.html>

Portfolio Requirement for Graduation: All students are required to present their comprehensive portfolio in an exit interview as part of their graduation requirement.

Recommended College Admission Requirements:

<u>TESTS:</u>
PSAT: SOPHOMORE YEAR - OCTOBER
JUNIOR YEAR – OCTOBER
SAT I: TRADITIONAL COLLEGES – (Minimum of 920 Critical Reading plus Math); SELECTIVE COLLEGES - (1100 -1600 Critical Reading plus Math) – JUNIOR YEAR – MAY
SENIOR YEAR – NOVEMBER
SAT Subject Tests: SENIOR YEAR – OCTOBER & DECEMBER
AP EXAMS: (AS REQUIRED)
ACT: JUNIOR AND/OR SENIOR YEAR

CAUTION: STUDENTS SHOULD ALWAYS CONSULT THEIR COUNSELOR ABOUT COLLEGE CHOICE!! COLLEGES MAY OR MAY NOT BE FLEXIBLE ABOUT THEIR ADMISSIONS STANDARDS. STUDENTS SHOULD START THIS PROCESS IN THEIR JUNIOR YEAR.

- Students are not allowed to earn more than 30 credits outside of day school.
- **IMPORTANT:** All students are required to carry a full course schedule unless approval for less is recommended by the Guidance Department and approved by the Principal. The only exceptions to this rule will occur if all classes are fully enrolled. In this case, preference will be given to juniors and seniors.

GRADUATION REQUIREMENTS for students through the Class of 2013:

<u>MINIMUM COURSE REQUIREMENTS for students through Class of 2013</u>	
20 credits of English (English 9, 10, 11, 12)	10 credits of Science including one MCAS tested course
15 credits of Mathematics: Including 5 credits Algebra I and 5 credits Geometry (Students who fall below a 240 MCAS score must take an additional 5 credits)	10.0 credits of Physical Education (2.5 per grade level) Starting with the Class of 2012
2.5 credits Software Solutions (starting class of 2012)	2.5 credits of Health Education (9 th grade)
5.0 credits Business Technology (starting class of 2012)	2.5 credits Applied Arts/Fine Arts/Visual Arts (starting class of 2012)
15 credits of Social Studies: 5 credits World History and 5 credits of US History I and 5 credits US History II	

GRADUATION REQUIREMENTS for students for the Class of 2014 and beyond will meet the MassCore requirements.

MassCore

Massachusetts High School Program of Studies

English/Language Arts	4 Units*
Mathematics	4 Units Including the completion of Algebra II or completion of the Integrated Math equivalent. All students are recommended to take a math course during their senior year.
Science	3 Units of lab-based science Coursework taken in technology/engineering may count for MassCore science credit. Note: The Board of Higher Education admissions standards for public colleges and universities require three (two lab-based) physical and natural science units and do not currently recognize technology/engineering as a science course.
History/Social Science	3 Units Including US History and World History.
Foreign Language**	2 Units Of the same language.
Physical Education	As required by law State law (M.G.L. c. 71,s. 3) states: "Physical education shall be taught as a required subject in all grades for all students." Health can be integrated into Physical Education, science, or taught as a stand-alone course.
The Arts**	1 Unit
Additional Core Courses	5 Units Business Education, Career and Technical Education (CTE), Health, Technology (e.g., computer science, desktop publishing, multi-media and web design), or any of the subjects above. Note: Most students majoring in CTE will take more than 5 units in a CTE program of study.
	22 Units - Is a minimum that students should take in high school
Additional Learning Opportunities	Complete as many of the following as possible: Advanced Placement (AP); Capstone or Senior Project; Dual Enrollment courses taken for both high school and college credit; Online courses; Service Learning; and Work-based Learning.

*A unit represents a full academic year of study or its equivalent in a subject that covers all the standards contained in a specific Curriculum Framework.

** Students enrolled in a state-approved Career and Technical Education program of studies have the option of opting out of Foreign Language and Art and still fulfill MassCore. MassCore is the recommended program of study that Massachusetts high school students need in order to be better prepared for college and a career. Developed by a statewide advisory group from the K-12, higher education and business sectors, MassCore maintains flexibility for students and high schools while allowing districts to set additional graduation requirements. Courses included in MassCore should be rigorous, engaging, and based on appropriate Massachusetts Curriculum Frameworks high school level standards.

PROMOTION REQUIREMENTS/CREDITS	
To Grade 10 - 30 credits and pass Grade 9 English and Math	
To Grade 11 - 60 credits	
To Grade 12 - 90 credits	
35 credits in the following electives:	

ELECTIVES OFFERED BY DEPARTMENT							
Fine Arts Program:							
Art 1	Art 2	Art 3	Art 4	Adobe Photoshop	Adobe Photoshop II	3-D Design: Wearable Art	
Portfolio Preparation		Ceramics 1, 2, 3		Web Design I		Computer Animation, II	
Video Production I, II, III, IV		Crafts Studio 1, 2		AP Art Studio		Art History: Food in Art	
Performing Arts Program:							
Vocal Skills 1-4	Concert Choir 1, 2, 3, 4	Concert Band 1, 2, 3, 4	Percussion Class	Music Appreciation	Finale Music Comp.	Piano Class	Guitar Class
			AP Music Theory				
Foreign Language Program:							
French I, II, III, IV, V			Spanish I, II, III, IV, V				
Physical Education & Health Programs:							
Challenge Activities	Fitness	Net Sports	Science of Athletic Cond.	Competitive Team Sports		Amer. Red Cross Lifeguard	
Career & Technology Education Programs:							
Software Solutions (Required)		Hotel & Tourism Mngt.	Sports & Ent. Marketing	Accounting I CP		Business Principles CP	
Engineering Design (Sem)		Computer Ventures I, II, III, IV		Entrepreneurship		Quickbooks for Accounting	
Engineering Design (FY)		Advanced Comp. Appl. III & IV		Distributive Ed. - OJT		Office Tech Training	
Marketing, Marketing Hon.		Microsoft Word MOS		Microsoft Excel MOS		Computer Appl. II	
Technical Drawing Part 1, Part 2		Architectural Drawing Part 1, Part 2		College Accounting 1 Hon, II Honors		Woodworking Tech I, II, III, IV	
Plastics Technology		School to Career		Mech. Drawing Prt 1, Prt 2		Integrated Tech Prt 1, Prt 2	
		Child Care & Development		Bus. Mngt., Bus. Mngt. Hon			
English Language Arts Program:							
Intro to Creative Writing		Creative Writing I, II		Yearbook Construction & Design I, II		SAT Prep/College Communication	
Journalism I, II		Film Study CP, Hon		Literature from Female Perspective		Contemporary Writers	
History/Social Science Program:							
Contemporary Affairs		AP Economics	Intro to Economics	Psychology Sem		Death and Dying	
Sociology	Global Studies II	Women's Studies	Case Studies in Law		Constitutional Law		
Science Program:							
Meteorology CP			Forensics Science CP		Aquaculture	Marine Biology	
Human Anatomy and Physiology			Survey of Environmental Tech		Zoology	Engineering Science CP	
Mathematics Program:							
Personal Financial Literacy							
U.S. Army - J.R.O.T.C.							

EARLY GRADUATION

Each year, a number of high school students request permission to graduate prior to their anticipated graduation date because they feel they have educational or vocational needs which mandate that they be exempted from the traditional four year program. For the early graduation application procedure, students electing early graduation or release shall not have a four-year final rank in class.

I. Criteria for Early Graduation (Full Year Release)

- A. Student has grade average C or better, first 2 years.
- B. Student has good attendance record.
- C. Student exhibits good citizenship.
 1. Conduct
 2. Effort - Maturity
 3. Activities
- D. Student has completed core curriculum. There shall be no waiver of any course or credit requirements. Last year of Physical Education may be waived by the Principal.
- E. Early release is requested to pursue further education.
 1. Are the educational opportunities of such a nature that they can not be met while attending WHS?
 2. Is early graduation required because of a job opportunity or for monetary reasons?
 3. Time line - the formal school application procedure should be initiated by June 1st of the sophomore year.
- F. Early release is requested in order to pursue a Career.
 1. Are the career opportunities of such a nature that they require early release?
 2. Is the work experience related to the high school curriculum?
 3. Time line - the formal school application procedure should be initiated by June 1st of the sophomore year.
- G. Student has achieved competency determination on MCAS.

II. Requirements for Early Graduation

- A. A letter from the student requesting early graduation detailing the goals which require early release
- B. A letter from the student's parent or guardian in support of the request
- C. If the goal involves further education, a statement from the institution verifying acceptance of the applicant who will be released early
- D. If the goal involves a career, a statement from the employer specifying the job and his/her acceptance or employment
- E. An interview with the Principal, parent, counselor, and student
- F. Complete three years of high school education

III. Time Line

- A. Full - year Release
 1. June 1 of sophomore year - Letter of application and parent's letter to be sent to the Principal
 2. June 15 - Decision by the Principal.
 3. December 1 – Recommendation of the Principal to the Superintendent
 4. End of Semester II – Final Review: Principal approves releases at the end of 2nd Semester

IV. Conditions of Release

A follow-up will be initiated by the Guidance Department, agreed to by the Administration. Students are entitled to participate in the graduation exercises of class and are eligible for most scholarships.



REQUIREMENTS FOR COURSE ADVANCEMENT AND AP TESTING

Three programs of study (College, Honors or AP) are available for students at Wareham High School. Courses are recommended for each grade level (Freshman, Sophomore, Junior, and Senior) within each program of study. Students must take the courses in sequence. Higher level courses have prerequisites that are identified in the course catalogue.

Requirements for course advancement are listed below. A student may move from one course within a program to another course by meeting any one of the four options.

OPTION #1

COURSE WORK (A) Although a passing grade (65) is required for admission into the next course in all programs except Honors, it is recommended that a 70 or above be attained to do so. (B) If a student wishes to change levels from a College course to an Honors or AP course, he/she must have a grade of "90" or better in the present course. (C) To remain in an Honors or AP course, the student must receive a grade of 80 or better.

OPTION #2:

RECOMMENDATIONS A student may gain admission to a higher level course with the written recommendation of the Department Head.

OPTION #3:

TESTS If students are unable to meet any of the above requirements for entrance into higher level courses, they may take the departmental entrance test for the specific course. If they meet appropriate standards according to the criteria established by the department, they will be admitted to this higher level course.

OPTION #4:

SPECIAL PERMISSION If students fail to meet at least one of these prerequisites, they will not be recommended for the higher level course. If students still wish to take these courses, the parent or guardian may then submit a written request to meet with the High School principal and appropriate faculty members for the purpose of petitioning for admission into the desired course. Instructors will not modify lessons or requirements to accommodate students who may be admitted to these courses without recommendation.

AP DESIGNATION AND TESTING

To qualify for an AP course designation, students will have to maintain an average of 80 or above. At the midterm, students who do not meet these criteria will stay in the class but have their work and grades modified down one level. Some honors students might be recommended by teachers and respective department chairs to take an AP exam. By March 1, the AP coordinator must approve all students taking the exam. All students are expected to take the AP Exam and are responsible for the testing fees unless there is an extreme financial hardship.

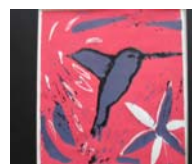


FINE ARTS PROGRAM

All students are encouraged to enroll in Visual Arts electives to broaden their range of experiences. This course of study is highly recommended for the college bound student who will benefit through experiences, which provide the background for lifelong cultural enrichment.



Alyssa Capozzi



Sarah Conn



Aerica Lovett

RECOMMENDED SEQUENCING

Preparatory Courses	Intermediate Courses	Advanced Courses
921 Art 1	*923 Art 2	*924 Art 3
	*934 Web Design/Photo	*981 Art 4
		*932 Portfolio Prep
933 Video Production 1	*930 Video Production 2	*964 Video Production 3
929 Computer Animation	*914 Computer Animation II	*973 Video Production 4
925 Ceramics	*926 Ceramics II	*917 Ceramics III
927 Crafts Studio 1	*919 Craft Studio 2	
936 Adobe PhotoShop	*986 Adobe Photoshop II	*918 AP Art Studio
	*912 Art History: Food in Art	*### Independent Study
	*913 3-D Design: Wearable Art	

* Indicates course is used to calculate rank in class.

The WHS Fine Arts Curriculum is aligned with the Massachusetts Arts Framework and in compliance with the school's goals requires in all course work. Courses used to calculate rank in class require the following:

- written critiques of student work, which follow the WHS English Department guidelines for writing
- exhibition of student work
- study of art history
- portfolio assessment
- homework

912 ART HISTORY: FOOD IN ART Grades 11-12
 Do you like food? Do you like art? Do you like to eat food? Then this course is for you. In this course we will explore how food has been represented in art for centuries, from cave paintings to Andy Warhol's soup cans. Emphasizing cross-curricular connections students will discover how societies' relationship to food has evolved through the ages. Students will be required to keep a food journal, create visual art, and cook and present food for consumption. Students' knowledge of art and artists will also be assessed through test and quizzes. A field trip to view advertising, packaging, industrial design, and culinary arts prints at the Culinary Arts Museum at Johnson and Wales University is an integral part of the course. Students looking to prepare portfolios both for college admission and for Advanced Placement Art exams may apply content learned in this course to the development of future projects.
2.5 CREDITS A.1, A.4, C.3, I.1, I.2, R.1, R.3

913 3-D DESIGN: WEARABLE ART Grade 11-12
 Utilizing problem solving techniques and their design skills, students, with the help of the teacher, will draft proposals in which they will design their own collection of wearable art. Emphasizing cross-curricular connections students will learn about the history of jewelry and clothing, while looking into the properties of various construction materials. Clay, Polymer clay, paper and glass are some of the materials to be used in the jewelry-making component of the class. A "green" project will require students to create clothing/accessories using mixed-media collected from recycling centers. The course will culminate with "Prom" attire made from duct tape. Students will be responsible for reflective writing assignments and a sketchbook/notebook. Students may participate in trips to Boston and Providence to view work of designers. Students looking to prepare portfolios both for college admission and for Advanced Placement Art exams may use projects from this course in their portfolios.
2.5 CREDITS A.1, A.4, C.3, I.1, I.2, R.1, R.3

914 COMPUTER ANIMATION II Grades 9 – 12
 In this intermediary course, students will utilize the skills learned in Computer Animation I to develop longer animations based on original ideas. Students demonstrate, through a video portfolio, more advanced techniques of stop-motion animation as it relates to 3-D objects and special effects filming. Students

will be evaluated on class participation, writing, originality of assigned work, completion of lesson objectives and attention to quality workmanship.

(Prerequisite – Computer Animation I and approval of the Art Department Chair)
2.5 CREDITS C.2, C.3, I.2



Bonnie Thorne

***917 CERAMICS III COLLEGE** Grades 10 - 12
 In this course, students will participate in a self-directed studio environment. They will build upon concepts learned in Ceramics 2 with emphasis placed on personal development. Students may choose to work with the potter's wheel, hand-building, tiles and various surface techniques. Students will also study art history through examining well known art works. They will keep a portfolio and a sketchbook that contains documentation, writings, sketches and homework. Students will be evaluated on class participation, assigned work, the quality and originality of the work, and reflective writing.
(Prerequisite - Ceramics 2 with a 70 average or better)
2.50 CREDITS C.2,C.3,I.2,I.3

***918 AP ART STUDIO HONORS** Grade 12
 The AP Art Studio class is designed for students who are seriously interested in the practical experience of art. AP Studio Art students submit portfolios for evaluation at the end of the school year. The student's portfolio must show a fundamental competence and range of understanding in visual concerns and methods. Students must choose from one of the three portfolios in which to direct their studies: Drawing, 2-D Design or 3-D Design. The portfolio follows a three-section structure. Students must demonstrate a depth of investigation and process of discovery through the concentration section. In the breadth section, the student is asked to demonstrate a serious grounding in visual principles and material techniques. Finally, the quality section allows the student to select works that best exhibit a synthesis of form, technique and content. Students must create a total of thirty (24-30) pieces.
(Prerequisite - Art 2)
5.0 CREDITS A.1, A.4, C.3, I.1, I.2, R.1, R.3

***919 CRAFT STUDIO 2** Grades 9 - 12
 In this course students will build upon methods and materials learned in Craft Studio 1 with an emphasis placed on personal development. In addition, the use of wood, metals and clay will be included in the concentration of this class. Students will also study art history through examining well known art works. They will keep a portfolio and a sketchbook that contains documentation, writings, sketches, and homework. Students will be evaluated by class participation and completion of projects, and level of skill development. All design work must be original.
(Prerequisite - Crafts Studio 1 with a 74 average or better and approval of Art Department Head)
2.50 CREDITS A.1, A.4, C.3, I.1, I.2, R.1, R.3

921 ART 1 Grades 9 - 12
 This basic introductory art course teaches drawing, painting, printmaking and pottery using a variety of art materials such as clay, acrylic paint, pencil, pastels and charcoal. Students draw from life by observing real objects, people and situations. They will also study art history through examining well known art works. This part of the course is incorporated into the studio work. An important part of the class is the integration of technology into the learning. Students use digital equipment and computers to create digital portfolios. Students will be evaluated on class participation and completion of assignments, quizzes, and homework. Students keep a design text and art supplies at home. They will keep a portfolio and a sketchbook that contains documentation, writings, sketches, and homework. All work must be original.
 2.5 CREDITS C.2, C.3, I.2, I.3

*923 ART 2 COLLEGE Grades 10 - 12
 The purpose of the course is to allow students with a motivation, talent, and interest in art the opportunity for in-depth instruction in use of materials and methods. Students will work intensely in the following: figure, landscape, interior and still life drawing. The student will be given increased responsibility for creating studies, sketches, and experimenting with techniques in order to develop personal and complex ideas. Students will be expected to explain the rationale behind each idea. They will also learn about art history. This part of the course is completed through homework assignments and incorporated into the course through idea development, critique, and exams. Students will be evaluated on the quality of their projects and class participation by keeping a sketchbook that includes reflective writing, models and sketches, and completed works. They will complete an electronic portfolio, which will be published on the Internet. All work must be original
(Prerequisites - Art 1 with a 74 average or better and approval of Art Department Head)
 5.0 CREDITS A.1, A.4, C.3, I.1, I.2, R.1, R.3



924 ART 3 HONORS Grades 11 - 12
 This third level of Art is an advanced studio course that requires the student to develop a series of works using materials and techniques from Art 1 and Art 2. The course adopts the AP Studio objectives. The student will use a thematic approach within a studio setting. Student and Instructor will develop the ideas together. The student will be assessed through portfolio work, which includes a sketchbook, homework, and art history research. She/he will defend the work through written and oral critiques and a final presentation, which include the historical and cultural context of the arts. All work must be original.
(Prerequisites - Art 1 and Art 2)
 5.0 CREDITS A.1, A.4, C.3, I.1, I.2, R.1, R.3

925 CERAMICS Grades 9 - 12
 This course introduces the students to the basics of three-dimensional design and the technical aspects of clay. The student will learn how to build pottery and sculpt clay objects that are both functional and decorative. He/she will work on the potter's wheel. Students will also study art history through examining well known art works. They are required to write about the experience of working with clay and the objects they create. They will keep a portfolio and a sketchbook that contains documentation, writings, sketches, and homework. Students will be evaluated on the quality of their projects and class participation. All work must be original.
 2.5 CREDITS C.2, C.3, I.2, I.3

926 CERAMICS 2 COLLEGE Grades 9 - 12
 In this course, students will concentrate on sculpture. They will build upon the technological knowledge gained in Ceramics 1 to develop their own signature style in pottery making and sculpture. Using each other as models, students will sculpt the human figure and learn about the anatomy. They will sculpt the human head using themselves as models. The student will build a tea set in the shape of human, animal, or inanimate objects using literature as inspiration. Students will also study art history through examining well known art works. They will keep a portfolio and a sketchbook that contains documentation, writings, sketches, and homework. Students will be evaluated on class participation, assigned work, the quality and uniqueness of the work, and reflective writing.
(Prerequisites - Ceramics 1 with a 74 average or better and approval of Art Department Head)
 2.5 CREDITS C.2, C.3, I.2, I.3

927 CRAFTS STUDIO 1 Grades 9 - 12
 Crafts Studio is an enrichment class offered to all students who have an interest in learning the artisan skills of designing and creating objects by hand. The study and/or review of the Principles and Elements of design will prepare students for the rest of the course. After that, the four materials of concentration will be textiles, metals, clay, and paper. Students will also study art history through examining well known art works. They will keep a portfolio and a sketchbook that contains documentation, writings, sketches, and homework. Students will be evaluated by class participation and completion of projects, and level of skill development. All design work must be original.
 2.5 CREDITS A.1, A.4, C.3, I.1, I.2, R.1, R.3

929 COMPUTER ANIMATION Grades 9 - 12
 This course explores the animation of images and ideas using a digital video camera, computer, and video editing software. Students demonstrate through a video portfolio the techniques of stop-motion animation as it relates to both 2-D and 3-D objects. Students will create animated sequences on the computer using programs such as Flash and Istop Motion. They will keep a portfolio and a sketchbook that contains documentation, writings, sketches, and homework. Students will be evaluated on class participation, uniqueness of assigned work, completion of lesson objectives and attention to quality workmanship, quizzes and homework.
 2.5 CREDITS C.2, C.3, I.2, R.2

930 VIDEO PRODUCTION II Grades 9 – 12

In this intermediary course students will utilize the skills learned in Video Production I to develop longer works with a theme. Writing, organization, teamwork, graphics, mechanics and art will be incorporated into project based assignments. This class requires considerable out-of-class time for the purpose of logistics i.e. scripting, planning, taping, logging and editing. Investigative reports, documentaries, and demonstration projects require research beyond the classroom. Students will examine the history of video. Examples of video communication would be video/audio production and editing, multimedia production, and general authoring procedures. Students will keep a portfolio and sketchbook that demonstrates development of storyboards, characterizations, and homework. It is recommended that this class be taken within one year of Video Production I so that the student is current with the latest technology.

(Prerequisite – Video Production I)
2.5 CREDITS A.1, C.1, C.3, I.2, R.2

932 PORTFOLIO PREPARATION COLLEGE Grades 11 - 12

This course is for juniors and seniors who are preparing for application to college as art majors. The students will prepare a portfolio of artwork to be presented to colleges as part of the admissions requirements. In this course the students will produce a minimum of 15 works of art and prepare for the college interview. If the college requires slides of the artwork, the student will incur the cost of development. Students will be evaluated on class participation, and portfolio completion. All work must be original. In the event there is insufficient enrollment to warrant a portfolio class, the students may elect this course to be taken during Art 2, or Art 3 class periods.

(Prerequisites - Art I and Art 2)
5.0 CREDITS A.1, A.4, C.3, I.1, I.2, R.1, R.3



933 VIDEO PRODUCTION I Grades 9 - 12

This foundation course is designed to introduce students to the use of modern audio, video and computer technologies used in communications today. Skills to be developed include writing, organization, teamwork, graphics, mechanics and art. Besides technical skills, students will learn art history through examining the development of film. Examples of video communication would be video/audio production and editing, multimedia production, and general authoring procedures. This class requires considerable out-of-class time for the purpose of logistics i.e. scripting, planning, taping, logging and editing. Students will have access to the school's camera equipment after school, but it is recommended that students use their own video equipment at home and the projects will be edited in school. Students are quizzed and asked to recall important facts and information from the movies that are viewed in class. Students will keep a portfolio and sketchbook that demonstrates development of storyboards, characterizations, and homework.

2.5 CREDITS A.1, C.1, C.3, I.2, R.2

934 WEB DESIGN I Grades 10 - 12

This course is designed as an introduction to web page design. Students will use MacroMedia Studio MX to design and edit their web pages. The students will learn to evaluate web sites. They will plan and create web sites designed for business, education, information, and art works. Art standards of design will be taught and applied. Students will be evaluated on class participation, completion of assignments, and quizzes. They will keep a digital portfolio that contains photographs, research, and writing. All work must be original.

(Prerequisite – Digital Photography; Also qualifies as Business Technology Credit)
2.5 CREDITS A.4, C.1, C.3, I.2

936 ADOBE PHOTOSHOP Grades 9 - 12

This basic introductory course is designed to introduce you to the Photoshop environment and some of the most essential tools. The course integrates National Educational Technology Standards with Adobe PhotoShop application. Students are expected to become proficient and independent users of PhotoShop. Topics covered include a general overview of the application, managing files, and becoming familiar with the basic tools and techniques of PhotoShop. Students will learn basic digital camera in techniques in the course. Topics covered include a general overview of the application, managing files, and becoming familiar with the basic tools and techniques of Photoshop. Students will be evaluated on class participation, originality of assigned work, completion of lesson objectives and attention to quality workmanship.

2.5 CREDITS A.1, A.4, C.3, I.1, I.2, R.1, R.3

964 VIDEO PRODUCTION III Grades 10 - 12

In this advanced course, students will utilize the skills that they learned in Video Production I and II to develop longer works with a theme. Writing, organization, and working independently will be incorporated into project-based assignments. This class requires considerable out-of-class time for the purposes of interviews or filming on location. Class time will be used to practice more advanced camera techniques, editing, and using the school production facilities in creating special effects shots. It is recommended that this class be taken within one year of Video Production II so that the student is current with the latest technology.

(Prerequisites – Video Production I and II)
2.5 CREDITS A.1, C.1, C.3, I.2, R.2

973 VIDEO PRODUCTION IV Grades 10 - 12

The purpose of this class is to help prepare a student who is interested in creating a portfolio in pursuing further education in the Video Production or Communications field. The student will be required to complete 3 major original video projects, each a minimum of 3 minutes in length, during the semester that demonstrate their skills in the planning, preparing, filming and editing. The student will be responsible for researching college requirements for acceptance into a Video Production or Communications program and tailoring their work to meet those requirements. Students will learn to use a more advanced video editing program, Final Cut Pro, which is currently used in most college video production programs.

(Prerequisites – Video Production I, II, and III and approval of the Art Department Head)
2.5 CREDITS A.1, C.1, C.3, I.2, R.2

981 ART 4 HONORS Grades 11 - 12
 This fourth level of Art is an advanced studio course that is taken in conjunction with A.P. Art. The course adopts the AP Studio objectives. This course encourages creativity and the investigation of formal and conceptual issues. Emphasis is placed on the fact that art is an ongoing process that involves the student in informed decision making. Students will develop and refine technical skills, while familiarizing themselves with the functions of the principles and elements of design. Finally, Art 4 encourages students to become independent thinkers who will contribute inventively and critically to their culture through the production of art.
 A.1, A.4, C.3, I.1, I.2, R.1, R.3
 (Prerequisites - Art 1, Art 2, and Art 3)
 5.0 CREDITS

986 ADOBE PHOTOSHOP II Grades 10-12
 In this intermediary course students will utilize the skills learned in the Photoshop 1 course and expand upon the tools and techniques used to create Photoshop illustrations. The course integrates National Educational Technology Standards with Adobe PhotoShop application. Students are expected to become even more proficient and independent users of the Photoshop program. Topics covered include a more specific look at tools and effects, digital camera techniques, photo editing and photo illustrations. Students will use digital cameras in the course. Students will be evaluated on class participation, originality of assigned work, completion of lesson objectives and attention to quality workmanship.
(Prerequisite – Adobe Photoshop I and approval of the Art Department Chair)
 2.5 CREDITS A.1, A.4, C.3, I.1, I.2, R.1, R.3

INDEPENDENT STUDY
 This course is designed to give students advanced knowledge in specific areas of study. Before the student completes the introductory level course he/she must:

1. Contact the instructor and indicate interest in spending another year in the same course.
2. Gain approval of instructor and the Department Head
3. Prepare contract specifically stating the work the student intends to complete.

**Students may acquire the Independent Study form from the Department Head or the Guidance Office.
 CREDITS DETERMINED BY TOTAL HOURS OF INDEPENDENT STUDY**



PERFORMING ARTS PROGRAM

Music Department

Music	Electives
941 Concert Choir 1 (First Year)	*972 Music Appreciation Sem
942 Concert Choir 2 (Second Year)	966 Concert Band 1
943 Concert Choir 3 (Third Year)	967 Concert Band 2
944 Concert Choir 4 (Fourth Year)	968 Concert Band 3
950 Guitar Class	969 Concert Band 4
957 Finale Music Composition	976 Fundamentals of Music
982 Piano Class	*984 AP Music Theory
983 Percussion Class	979 Vocal Skills 1-4 Sem

*Indicates course is used to calculate rank in class

941 CONCERT CHOIR 1 943 CONCERT CHOIR 3
 942 CONCERT CHOIR 2 944 CONCERT CHOIR 4
 Chorus is for vocalist in grade 9-12 who demonstrate appropriate musical aptitude and vocal ability by auditioning with the Music Director or having a recommendation from the Wareham Middle School chorus director. It is designed to provide advances skill development of essential vocal techniques. Music performed will include a variety of musical styles from the 14th century to the present and may include some choreography. Performances include but are not limited to : Winter and Spring concerts, Graduation and other community and school appearances. Students will be evaluated through class participation, skill development and concert performance. These evaluations will use written self-critiques, rubric self-critiques, teacher critiques, teacher evaluation of skill development and participation. Please note this course may require attendance at after school rehearsals.
 5.0 CREDITS A.1, I.3, C.3, R.2

950 GUITAR CLASS Grades 9 - 12
 The purpose of this course is to provide instruction in guitar. Beginning and experienced students are eligible. Guitarists are required to provide their own instrument. The course is designed to develop increased proficiency in the areas of technique, tuning, reading music, and chord symbols. Emphasis will be placed on the understanding of music notation (music symbols and terminology). Students will be evaluated through class participation, written self-assessments, assigned work and level of progress.
 2.5 CREDITS A.1, I.3, C.3, R.2

CONCERT BAND

Grades 9 – 12

966 Band 1 968 Band 3
967 Band 2 969 Band 4

The Wareham Viking Band is for students in grade 9-12 who demonstrate appropriate musical aptitude and ability on their instrument by auditioning with the music director or having a recommendation from Wareham Middle School band director. The course is open to traditional band (wind and percussion) instrumentalists. Performances include but are not limited to: winter and spring concerts, football games, marching band competitions, graduation ceremony and community appearances. Students will be evaluated through class participation, skill development, and concert performance. These evaluations will use, written self-critiques, rubric self-critiques, teacher critique, teacher evaluations of skills and participation. Please note this course may require attendance at after school rehearsals.

5.0 CREDITS

A.1, I.3, C.3, R.2



957 FINALE MUSIC COMPOSITION Grades 10 - 12
Students will copy existing music and create original musical compositions through the understanding of music theory and the use of computer software. Students will work individually and in teams, and will come to a richer understanding of the mechanics of music and its related technology. Students will be evaluated by class participation, assigned work, quizzes and portfolios. Students are strongly encouraged to take 976 Fundamentals of Music as a preparation for this class.

2.5 CREDITS

A.1, I.3, C.3, R.2

972 MUSIC APPRECIATION SEM COLLEGE
(Music from Bach to Hip Hop)

Grades 10 -12

Music Appreciation is an overview of the history and basic musical form. All periods of music will be covered, from middle ages to present trends in popular music and jazz. Emphasis is placed on the elements of music, terminology, composers, form, and style within a historical perspective. Upon completions, students should be able to demonstrate skills in basic listening and understanding of the art of music. Students will be able to identify and define the basic elements of music and recognize and describe the role and influence of music in various world cultures. Students will be evaluated by class participation, assigned work, quizzes and portfolios.

2.50 CREDITS

A.1, I.3, C.3, R.2



976 FUNDAMENTALS OF MUSIC Grades 9 - 12

Rock, classical, jazz, and rap musicians: this course is designed to help you write your own music and help you read music written for voice or instrument. This course is the first and a prerequisite for a series of sequential courses in music theory available on a semester basis. Students are strongly encouraged to take this class as a prerequisite to 950 Guitar Class and 957 Finale Music Composition. Students will keep a composite notebook/workbook and will be evaluated through class participation, homework, written tests and quizzes, and small written projects.

2.5 CREDITS

A.1, I.3, C.3, R.2

984 AP MUSIC THEORY Grades 10 - 12

A continuation of the material presented in 976 Fundamentals of Music. Material covered will include basic part writing and music analysis. Students will keep a composite notebook/workbook and will be evaluated through class participation, homework, written tests and quizzes, and small written projects.

(Prerequisite – Successful completion of 976 Fundamentals of Music or a prerequisite exam administered by the music teacher)

2.5 CREDITS

A.1, I.3, C.3, R.2

979 VOCAL SKILLS 1-4 Sem Grades 9 - 12

No audition is required for this course. Vocal class is open to all vocalists (sopranos, altos, tenors, and basses) and is designed to provide basic skill development of essential vocal skills, such as tone production, ear training, and proper breathing techniques. Emphasis will also be placed on knowledge and understanding of basic music symbols, terminology, notation, and basic music reading. Students will be required to perform selected repertoire with the Concert Choir. Attendance at all performances is mandatory and is a major factor in the grading process. Performances include the annual Winter Concert, Spring Concert, Graduation Ceremony, community appearances, and various other festivals and functions. *Please note this course may require occasional attendance at after school rehearsals prior to performances.*

2.5 CREDITS

A.1, I.3, C.3, R.2

982 PIANO CLASS Grades 9 - 12
 The purpose of this course is to provide instruction in piano and keyboard instruments. Beginning and experienced students are eligible. Students are required to have a piano or keyboard at home to practice on. The course is designed to develop increased proficiency in the areas of technique, reading music and chord symbols. Emphasis will be placed on the understanding of music notation (music symbols and terminology). Students will be evaluated through class participation, written self-assessments, assigned work and level of progress. This class is limited in size to 10 students!
 2.5 CREDITS A.1, I.3, C.3, R.2

983 PERCUSSION CLASS Grades 9 - 12
 The purpose of this course is to provide instruction in all percussion instruments. Beginning and experienced students are eligible. Students are required to provide their own snare drum. The course is designed to develop increased proficiency in the areas of technique, tuning, reading music and rudiments. Emphasis will be placed on the understanding of music notation (music symbols and terminology). Students will be evaluated through class participation, written self-assessments, assigned work and level of progress.
 2.5 CREDITS A.1, I.3, C.3, R.2



FOREIGN LANGUAGE PROGRAM

College	Honors	ESL Program
*301 French 1	*304 French 2	*324 ELL English 1
*302 French 2	*306 French 3	*325 ELL English 2
*303 French 3	*307 French 4	*326 ELL English 3
*319 French 4	*308 French 5	*327 ELL English 4
	*323 Spanish 2	
*311 Spanish 1	*316 Spanish 3	
*312 Spanish 2	*317 Spanish 4	
*313 Spanish 3	*318 Spanish 5	

* Indicates course is used to calculate rank in class.

The Wareham High School Foreign Language Department will encourage students to communicate in another language, respect and understand other people and their cultures, develop a sense of community, and explore career opportunities.

Foreign language courses, levels I, II, and III, are offered at the college preparatory level, while levels III, IV, and V are available at the Honors level. The level III honors courses use the same texts as the college level courses; however, the approaches in methodology and the amount of material covered do vary. Hence, upon successfully completing any language course, students who wish to continue their study of the language will be required to advance to the next numerical level.

301 FRENCH 1 COLLEGE
 The main objective of this first year course is to enable students to attain a measurable degree of communicative competency and proficiency in the four language skills: reading, writing, speaking, and listening. Instruction includes an exploration of several aspects of French culture. Students are assessed through chapter tests and quizzes as well as through performance-based assessments with visual aids. Oral participation in French is a mandatory requirement. Proficiency activities build oral and written skills. Mid-year and final exams are required. These comprise 20% of the year-end grade.

(Prerequisite – Middle School students must have a passing score on all 8th grade Math, ELA and Science MCAS)

5.0 CREDITS A.1, C.1, I.2

302 FRENCH 2 COLLEGE
 This course is a continuation of French I with a stronger emphasis on the communication skills: listening, reading, speaking, and writing. Aspects of grammar, vocabulary and culture are emphasized and reinforced with audio materials. Students are assessed through chapter tests and quizzes on all topics studied. Occasional projects are assigned that may include performance-based assessments with visual aids. Oral participation in French is a mandatory requirement. Proficiency activities build oral and written skills. Instruction is conducted in French when appropriate. Mid-year and final exams are required; these comprise 20% of the year-end grade.

(Prerequisite – Successful completion of French I)

5.0 CREDITS A.1, C.1, R.4

304 FRENCH 2 HONORS
 This second year course is a continuation of French I with a stronger emphasis on the communication skills: listening, speaking, reading and writing. Students are expected to use French at Stage I proficiency in a variety of oral and written activities and assessments. Instruction is given in French when appropriate. Aspects of French culture, grammar and vocabulary continued to be explored. Chapter tests and quizzes are given. Mid-year and final exams are required; these comprise 20% of the year-end grade.

(Prerequisite- French I students who have a 90 average or better)

5.0 CREDITS A.1, C.1, R.4

303 FRENCH 3 COLLEGE
 This third year course is a continuation of French II. Students are expected to have average to above average proficiency. Coursework increases speaking, writing, reading and listening skills through a variety of activities. Occasional projects are assigned that may include performance-based assessments with visual aids. Oral participation in French is a mandatory requirement. Proficiency activities build skills that are assessed frequently. Students are assessed on their understanding of spoken and written French through chapter quizzes and tests. Instruction is conducted in French when appropriate. Mid-year and final exams are required; these comprise 20% of the year-end grade.

(Prerequisite – completion of French II with a 70 or greater average)

5.0 CREDITS A.1, C.1, I.2

306 FRENCH 3 HONORS
This third year course is a continuation of French II with high expectations regarding proficiency for advanced-level students. Coursework includes written work, oral interviews, listening to French recordings, and research projects. Occasional projects are assigned that may include performance-based assessments with visual aids. Oral participation in French is a mandatory requirement. Proficiency activities build skills that are assessed frequently. Instruction is conducted in French when appropriate. Mid-year and final exams are required; these comprise 20% of the year-end grade.
(Prerequisite – completion of French II with a 90 average or French II Honors with an 80 average)
5.0 CREDITS A.1, C.1, I.2

319 FRENCH IV COLLEGE
This fourth year course is a continuation of French III with high expectations regarding proficiency for advanced levels. Students are required to speak, write, understand, and read French as part of their assessment. Instruction is given in French when appropriate. There is an emphasis on the study of diverse peoples, their cultures, and their customs. The coursework includes independent work and research projects, some of which may include performance-based assessments with visual aids. Chapter assessments and/or exams are required with periodic quizzes on reading, points of grammar and auditory skills. Mid-year and final exams are required. They comprise 20% of the year-end grade.
(Prerequisite- French III with an 80 average)
5.0 CREDITS A.1, C.2, R.4

307 FRENCH 4 HONORS
This fourth year course combines the communicative aspect of language and the traditional emphasis on literature and cultural refinement. This course presents a study of the diverse peoples, customs, ideas, and attitudes that are intertwined within the Francophone countries of today. The study of nineteenth and twentieth century French authors is incorporated with detailed activities and patterns for oral practice while presenting finer points of grammar and syntax. Coursework includes review exercises, extensive practice of new vocabulary items, and questions for class discussions, and/or assessment. Chapter written and oral assessments are required with periodic quizzes on reading and points of grammar. Oral participation is a mandatory requirement. Instruction is given in French when appropriate. Mid-year and final exams are required. They comprise 20% of the year-end grade.
(Prerequisite - French III College with a 90 average or French III Honors with an 80 average)
5.0 CREDITS A.1, C.2, R.4

308 FRENCH 5 HONORS
This fifth year course continues the communicative instruction which is designed to gain a Stage 4 proficiency. With appropriate assistance, students read increasingly complex texts with cultural understanding and literacy appreciation. Oral and written compositions, quizzes, and projects are graded requirements. Instruction may help to prepare students, upon completing semester one, to qualify and be recommended by

the instructor to take the Advanced Placement exam or the SAT II in French. Mid-year and final department exams will be required. They comprise 20% of the year-end grade.
(Prerequisite – French IV Honors with an 80 average or French 4 College with a 90)
5.0 CREDITS A.1, C.2, R.4

311 SPANISH 1 COLLEGE
The main objective of this first year course is to enable students to attain a measurable degree of communicative competency and proficiency in the four language skills: reading, writing, conversing, and listening. Instruction includes an exploration of many aspects of culture from the Spanish speaking world. Students will be assessed and graded on materials studied through chapter tests and quizzes. Occasional projects will be assigned that may include performance-based assessments with visual aids. Oral participation in Spanish is a mandatory requirement. Mid-year and final exams will be required and are 20% or the year-end grade.
(Prerequisite – Middle School students must have a passing score on all 8th grade Math, ELA and Science MCAS)
5.0 CREDITS A.1, C.1, R.3

312 SPANISH 2 COLLEGE
This course is a continuation of Spanish I with a stronger emphasis on the communication skills: listening, reading, conversing, and writing. The course will present more grammar and vocabulary, as well as cultural perspectives of the Spanish speaking world. Students will be required to take chapter tests and quizzes on materials studied. Occasional projects will be assigned that may include performance-based assessments with visual aids. Oral presentations and brief interviews in Spanish are mandatory requirements. Mid-year and final department exams will be required. They are 20% of the year-end grade.
(Prerequisite – Successful completion of Spanish I)
5.0 CREDITS A.1, C.1, R.4

323 SPANISH 2 HONORS
This course is offered to students of Spanish I with a year average grade of 90% or greater. The course emphasizes communication skills with some emerging level of proficiency in listening, reading, oral conversations/ dialogues and writing. Students are expected to listen to authentic Spanish and audio materials and be able to express their ideas using their knowledge. The course involves the learning of grammar, vocabulary and cultural perspectives in a Spanish speaking context. Students will be required to take chapter tests and quizzes on material studied as well as to perform dialogues and oral presentations focusing on specific vocabulary and grammar. Unit projects focusing on performance based-assessment and some basic computer applications will be assigned. Daily oral participation in Spanish is a mandatory requirement. Mid year and final exams will be required. They are 20% of the year-end grade.
(Prerequisite- Spanish I students who have a 90 average or better)
5.0 CREDITS A.1, C.1, R.4

313 SPANISH 3

COLLEGE

This third year course is a continuation of Spanish II. Students are expected to be proficient enough in Spanish to use the language for most of the class time. The course will increase speaking, writing, reading and listening proficiency in Spanish. Students will be required to take chapter tests and quizzes in Spanish that include oral interviews and audio activities. Occasional projects will be assigned that may include performance-based assessments with visual aids. Daily oral participation in Spanish is a mandatory requirement. Both mid-year and final department examinations will be required. They are 20% of the year-end grade.

(Prerequisite – completion of Spanish II with a 70 or greater average)

5.0 CREDITS

A.1, C.1, R.4

316 SPANISH 3

HONORS

This course is a continuation of Spanish II with a greater emphasis on reading, writing, listening, and speaking. Students are expected to read for cultural insights and to complete translations of cultural readings, dialogues, etc. Students are responsible for unit tests, quizzes, and oral participation. Occasional projects will be assigned that may include performance-based assessments with visual aids. Daily oral participation in Spanish is a mandatory requirement. Mid-year and final department examinations are required. They are 20% of the year-end grade.

(Prerequisite – completion of Spanish II College with a 90 average or Spanish II Honors with an 80 average)

5.0 CREDITS

A.1, C.1, R.4

317 SPANISH 4

HONORS

This fourth year course continues the communicative instruction with an emphasis on culture. Well known authors and genres will be read. Diverse customs, ideas, and attitudes from the Hispanic world will be discussed through the literature. Students will be required to prepare for oral presentation/role plays and written compositions in Spanish, as well as take quizzes on readings and grammatical points. Oral participation in Spanish is a mandatory graded requirement. Mid-year and final department exams will be required. They are 20% of the year-end grade.

(Prerequisite - Spanish III College with a 90 average or Spanish III Honors with an 80 average)

5.0 CREDITS

A.1, C.1, R.3

318 SPANISH 5

HONORS

This fifth year course continues the communicative instruction to gain a Stage 4 proficiency. With appropriate assistance, students read increasingly complex texts with cultural understanding and literary appreciation. Oral and written compositions, quizzes, and projects are graded requirements. Instruction prepares students, upon completing semester one, to qualify and be recommended by the instructor to take the Advanced Placement exam or the SAT II in Spanish. Mid-year and final department exams will be required. They are 20% of the year-end grade.

(Prerequisite – Spanish IV with an 80 average)

5.0 CREDITS

A.1, C.1, R.3



324 ELL ENGLISH 1

This first course in ELL has been designed to develop, within the non-English speaking student, the ability to speak English and comprehend English when it is spoken. Therefore, the major emphasis of the course is on speaking and listening skills. In addition, the skills of reading and writing in English are introduced. The materials used give the student practice in phonetics, spelling skills, vocabulary development, and basic grammatical structures. An introduction to reading and writing skills is presented. The student's progress is evaluated through oral work in class, written classroom assignments, homework assignments, quizzes, and tests.

5.0 CREDITS

I.1, I.2, R.3

325 ELL ENGLISH 2

This intermediate course in ELL has been designed to continue development of the skills of listening, speaking, reading and writing. Much emphasis is given to listening and speaking skills. As the course progresses, increasing attention is given to the skills of reading and writing. Materials used emphasize proper usage of grammatical structures, spelling skills, and vocabulary development. Self expression through writing is stressed. Students are introduced to American Culture mainly by studying the geography of the United States. The student's progress is evaluated through oral work in class, writing assignments, classroom and homework assignments, quizzes, and tests.

5.0 CREDITS

I.1, I.2, R.3

326 ELL ENGLISH 3

This intermediate course in ELL has been designed to continue the development of the skills of listening, speaking, reading, and writing. The major emphasis of the course focuses upon reading and writing skills. Materials used introduce new grammatical structures while at the same time reinforce previously learned grammar. This is accomplished with emphasis on sentence structure. Composition skills are introduced and developed as students write about a variety of topics. Spelling skill development is continued. Introduction of real-life skills, which are needed to function in English in the adult world, commences in this course. The student's progress is evaluated through oral work in class, writing assignments, classroom and homework assignments, quizzes and tests.

5.0 CREDITS

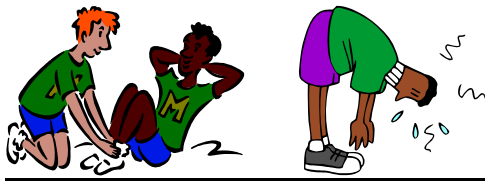
I.1, I.2, R.3

327 ELL ENGLISH 4

This final course is designed for the nearly proficient ELL student. The skills of listening and speaking are further developed and practiced. The skills of reading and writing are emphasized. Grammatical structures are reinforced and further developed. Higher level vocabulary words and comprehension questions are introduced within the readings. The student is able to practice existing skills in writing while acquiring new skills and approaches. The student continues to study appropriate English responses to real-life situations. The student's progress is evaluated through oral work in class, writing assignments, classroom and homework assignments, quizzes, and tests.

5.0 CREDITS

I.1, I.2, R.3



PHYSICAL EDUCATION and HEALTH PROGRAMS

Grade	Course
9	007 Health 9
9-10	001/002 Physical Education
11-12	018 Science of Athletic Conditioning
11-12	022 Fitness Sem
11-12	024 Challenge Activities
11-12	025 Net Sports
11-12	026 Competitive Team Sports
9-12	017 American Red Cross Lifeguard Training Course

The Physical Education courses are an integral part of a student's total education at Wareham High School. Classes are planned and organized to provide students with the physical, emotional, and cognitive skills necessary for life long learning and a physically active lifestyle. Physical assessment is based on active participation, effort, psychomotor skill acquisition, skill improvement, and physical fitness testing. Cognitive assessment is based on knowledge acquisition and includes integrating physical education across the curriculum in areas such as writing, social studies, science and mathematics.

The health course will provide students with the skills necessary to remain physically, socially, intellectually, and emotionally healthy. Students will learn that relationships with others are an important part of their life experience and that through commitment and communication these relationships can be both healthy and long lasting. Students will acquire the knowledge and skills necessary for making health-enhancing decisions regarding substance use/abuse prevention and violence prevention. Students will participate in the Life Skills program, Substance Use/Abuse Prevention/Nutrition/CPR/First Aid. Students will also participate in the RAPP program (Responsible Attitudes Toward Pregnancy Prevention). This program will cover human anatomy, disease prevention, decision making, teenage pregnancy, and child care.

Both the Health and Physical Education program reflect the Massachusetts Health Curriculum Frameworks and will include a student assessment component involving selected response questions, constructed response questions, performance events and performance tasks.

**REQUIRED COURSES FOR GRADUATION
GRADE 9**

(Students are required to take both 007 Health and 001/002 Physical Education)

001/002 PHYSICAL EDUCATION Grade 9
Students will participate in many of the following units of study: fitness, aerobics, individual, dual or team sports, lifetime fitness activities.
2.5 CRED I.2, I.3, C.2, R.1, R.2

007 HEALTH 9 Grade 9
The health course is designed to teach fundamental health concepts, promote behaviors enhancing health concepts, promote health enhancing behaviors and wellness, and present conceptual frameworks for developing healthy family, school and community relationships.
2.5 CREDITS A.1, I.2, R.1, R.2, R.3



**REQUIRED COURSES FOR GRADUATION
GRADE 10**

(Students are required to choose between one of the following courses)

001/002 PHYSICAL EDUCATION Grade 10
Students will participate in many of the following units of study: fitness, aerobics, individual, dual or team sports, lifetime fitness activities.
2.5 CRED A.1, I.2, C.2, R.1, R.2, R.3

017 AMERICAN RED CROSS LIFEGUARD TRAINING COURSE Grade 9 - 12
This program includes a lifeguard-training course with aquatic specific first aid and cardiopulmonary resuscitation (CPR) training. (this course is offered at the Wareham YMCA and students may not take this course during normal school hours. See YMCA for class availability).
2.5 CREDITS

**REQUIRED COURSES FOR GRADUATION
GRADE 11 and 12**

(Students are required to choose between one of the following in both their junior and senior year and must have passed 9th and 10th grade Physical Education)

022 FITNESS SEM Grade 11 - 12
This course is designed for students in grades 11- 12 interested in learning about all aspects of personal fitness training. The class will take place in the high school fitness room or in the backroom of the Wareham Boys and Girls Club where students will design their own personal fitness plan and follow it throughout the class. Students will gain an understanding of their personal fitness levels and needs through discussion and practice of health related fitness components; cardio-respiratory endurance, muscular endurance, muscular strength, flexibility and body composition. Activities may include weight training, jogging, basic anatomy and physiology, fitness testing, and fitness games. By the end of the class, students will have the knowledge to enter a fitness club, safely use the equipment, and develop a well rounded plan for themselves.
2.5 CREDITS A.1, I.2, C.2, R.1, R.2, R.3

024 CHALLENGE ACTIVITIES Grade 11 - 12
Individual and group activities in a problem-oriented approach, which requires students to address issues of leadership, decision-making, commitment, fear, risk-taking, stress, and compassion. These activities help to build self-confidence, self-esteem, group support, initiative and responsibility. (This course may not be repeated. Students may not be added into this course after the first week.)
2.5 CREDITS A.1, I.2, C.2, R.1, R.2, R.3

025 NET SPORTS Grade 11 - 12
Students will learn the history, rules, skills, and strategies of several team and dual/individual sports such as tennis, badminton, pickleball, and volleyball which will provide them with options for lifetime physical activities.
2.5 CREDITS A.1, I.2, C.2, R.1, R.2, R.3

026 COMPETITIVE TEAM SPORTS Grade 11 - 12
This course is designed for students in grades 11 -12 who enjoy a competitive physical environment with a focus on skill development, rules and game participation. Among the activities are flag football, basketball, soccer, floor hockey, lacrosse, softball, ultimate Frisbee, whiffleball, team handball, and volleyball. This course will also include some coaching techniques, sports management and officiating.
2.5 CREDITS A.1, I.2, C.2, R.1, R.2, R.3

018 SCIENCE OF ATHLETIC CONDITIONING Grade 11 - 12
The course is designed for students in grades 11-12 interested in learning about sport-specific athletic training. By the end of the course students will be able to demonstrate knowledge of the muscular and skeletal systems and have the ability to develop, implement and assess their personal training methods. This course will be conducted at the Wareham Boys and Girls Club back room.
2.5 CREDITS A.1, I.2, C.2, R.1, R.2, R.3



**CAREER & TECHNOLOGY EDUCATION
PROGRAM
Business Technology and Applied Technology**

Business Technology	Industrial Technology
*610 Accounting I CP	801 Woodworking Technology 1
614 QuickBooks For Accounting	802 Woodworking Technology 2
*617 College Accounting 1 Hon	806 Woodworking Technology 3 Sem
*618 College Accounting 2 Hon	808 Plastics Technology
*620 Computer Applications III CP	812 Mechanical Drawing Part 1
*621 Office Technology Training	813 Mechanical Drawing Part 2
*622 Microsoft Word MOS Certification	814 Architectural Drawing Part 1
*623 Microsoft Excel MOS Certification	815 Architectural Drawing Part 2
626 Computer Applications 2	816 Technical Drawing Part 1
*641 Computer Applications IV	817 Technical Drawing Part 2
642 Software Solutions	818 Engineering Design Part 1
650 School to Career Program	819 Engineering Design Part 2
*660 Child Care and Development	820 Integrated Tech Part 1
	821 Integrated Tech Part 2
	822 Woodworking Tech 4
	Youth Tech Entrepreneurs
	633 Computer Ventures 1
	634 Computer Ventures 2
	*639 Computer Ventures 3 CP
	*640 Computer Ventures 4 CP
	###Independent Study
Marketing Education	
*630 Entrepreneurship	
*635 Business Principles CP - Grade 11	647 Hotel and Tourism Management I CP
*643 Business Mngt/Retail Honors – Grade 12	648 Sports and Entertainment Marketing CP
*644 Business Mngt/Retail CP – Grade 12	*646 Marketing Honors – Grade 12
*645 Marketing CP – Grade 12	###Distributive Education: On the Job Trng.- Grade 12

*Indicates course is used to calculate class rank.

APPLIED BUSINESS TECHNOLOGY PROGRAM

The Applied Business Technology Program is designed to provide students with information and competencies needed by all individuals to manage business as well as personal affairs. The courses in this program focus on developing skills necessary for initial employment as well as advancement in clerical and management occupations. The goal of Business Technology is to develop competencies which foster success in employment and post-secondary education.

COLLEGE CREDIT NOW: TECH PREP PROGRAM - INTRODUCTION

Tech Prep is a challenging two-year program of study linking the junior and senior years of high school with post secondary education. In collaboration with the Massachusetts' Community College System, Wareham High School will be offering the following Tech Prep programs:

Marketing/Retail Management

Students enrolled in the Tech Prep program may accumulate up to 6 college credits from the Massachusetts Community College System. Credits earned may also be applied to other two or four year post-secondary institutions that have reciprocity with Cape Cod Community College or Bristol Community College. Courses that qualify for credit include Introduction to Business and Computer Applications II.

Students that are enrolled in the 2 year Marketing Education Program as juniors and seniors automatically are enrolled as Tech Prep students. For additional information, students should contact Mr. Brian Nobrega (Department Head, Technology Education).

610 ACCOUNTING I COLLEGE
This first course in accounting will provide the skills and knowledge necessary to understand the financial statements of a proprietorship. Students will be involved in analyzing and journalizing transactions, posting to a ledger, completing a worksheet, financial statements, and the ending fiscal term work for a service and merchandising business. Homework will be assigned regularly and tests scheduled at the end of each chapter. A simulation will be used during the second and third quarters. This course will satisfy the third-year math requirement for graduation.
5.0 CREDITS I.1, I.2, R.3

614 QUICKBOOKS FOR ACCOUNTING
Students will use the accounting software program, QuickBooks to reinforce the fundamental accounting concepts and principles. QuickBooks is user friendly and provides point and click simplicity for accounting reporting and analysis. Through the use of an interactive case setting, students will complete an accounting cycle for a business and view and interpret the financial statements.
(Prerequisite – Accounting I)
2.5 CREDITS I.1, A.4, R.3

617 COLLEGE ACCOUNTING I HONORS
Grades 11 - 12

If you are interested in a business and/or plan to pursue business administration in college, this course provides you with the experience of a college level course. The fundamental concepts and principles of accounting will be covered. Students will be required to take a test at the end of each chapter, as well as a mid-term and final examination. Computing and accounting simulations will be integrated into the course. College Accounting will satisfy the third-year math requirement necessary for graduation and is considered an honors program course.

5.0 CREDITS I.1, I.2, R.3

618 COLLEGE ACCOUNTING II HONORS
Grade 12

College Accounting II is a continuation of College Accounting I and will provide the student with the experience of a college level course. This course further develops an appreciation and understanding of the principles, concepts and ethics in today's accounting environment. The characteristics of financial statement analysis are presented. This course will also introduce managerial accounting – the use of accounting data for management decisions. Relevant computer applications will be integrated.

(Prerequisite – College Accounting I)
5.0 CREDITS I.1, I.2, R.3



620 ADVANCED COMPUTER APPLICATIONS III COLLEGE
Grades 11 - 12

For Junior and Senior computer enthusiasts, Windows, Windows Explorer and Office 2000 will be covered at an accelerated pace. Word and Excel will be covered in-depth. The course will include an understanding of computer terms and how a computer works. Various hands-on projects will be required. Unit tests will be administered as well as term exams and projects.

(Prerequisites – Software Solutions or Computer Applications I & II)
2.5 CREDITS A.4, C.3, I.1

621 OFFICE TECHNOLOGY TRAINING

Grades 11 - 12

This course touches upon many aspects of office work. We work on filing, telephone etiquette, data entry, and developing proofreading skills. A final exam will be administered.

2.5 CREDITS

622 MICROSOFT WORD MOS CERTIFICATION

This course is designed as a certification course for those students that wish to be MOS (Microsoft Office Specialist) certified in Microsoft Office Word. After completion of this course those students that wish to be MOS certified in Microsoft Office Word will be given the opportunity to take the MOS test for Word. Topics that the student will learn include, but not limited to: editing and proofing documents, formatting a document, working with tables, formatting pages, graphics, web page design, merging documents, formatting with styles, working with charts, creating and using forms, and working with macros. Assessment will be from projects, presentations, and tests.

(Prerequisite – Computer Applications I or Software Solutions)

2.5 CREDITS

A.4, C.3, I.1

623 MICROSOFT EXCEL MOS CERTIFICATION

This course is designed as a certification course for those students that wish to be MOS (Microsoft Office Specialist) certified in Microsoft Office Excel. After completion of this course those students that wish to be MOS certified in Microsoft Office Excel will be given the opportunity to take the MOS test for Excel. Topics that the student will learn include, but not limited to: exploring Excel components, formatting worksheets, organizing worksheets, previewing and printing worksheets, creating charts, integrating Excel with other Microsoft Office applications, drawing in Excel, using various functions and linking multiple worksheets and workbooks. Assessment will be from projects, presentations, and tests.

(Prerequisite – Computer Applications I or Software Solutions)

2.5 CREDITS

A.4, C.3, I.1

626 COMPUTER APPLICATIONS II

This course will give students an understanding of databases, presentation, and web design using Microsoft Access, PowerPoint and Microsoft Publisher. When students complete the course, they will have a firm understanding and knowledge of Access, Power Point and Microsoft Publisher. Unit tests will be administered as well as a semester exam and projects. A final exam will also be given. This course is highly recommended for students enrolled in the junior and senior year DECA program.

(Prerequisite – Computer Applications I or Software Solutions)

2.5 CREDITS

A.4, C.3, I.1

630 ENTREPRENEURSHIP

COLLEGE

Grades 10-12

Do you know someone who owns his or her own business? Do you want to be your own boss? Do you have the goal of owning a highly successful company? These are only a few of the reasons why thousands of people in the United States become *entrepreneurs*. This course will take you on a step by step journey through the entire process of owning your own business. You will select a product or service to sell, determine who your customers are, learn how to market your business, obtain financing, manage your employees, and more. You will also learn how to put together a business plan and will have created a complete plan by the end of the course. Student's assessment will be based upon tests, quizzes, class work, individual and group projects, homework, and class participation.

2.5 CREDITS

A.4, C.3, R.3

633s COMPUTER VENTURES I

Grades 10 - 12

Students develop their academic, business, hardware and software troubleshooting skills through a series of service projects and classroom instruction. These projects may include a troubleshooting guide, a community newsletter, a refurbished computer, and a design for a networked computer lab. Projects, quizzes, tests, presentations and student participation will be used for student assessment.

(Prerequisite - Computer Applications I or Software Solutions)

2.5 CREDITS

A.2, I.2, A.1

634s COMPUTER VENTURES II

Grades 10 – 12

Students will develop their skills in operating system troubleshooting and diagnosis through a series of service projects and classroom instruction. Classroom instruction will follow A+ certification guidelines and materials. The focus of this class will be on operating systems of modern computer platforms. This class will follow Computer Ventures I.

(Prerequisite – Computer Ventures I)

2.5 CREDITS

A.2, C.2, A.1

639 COMPUTER VENTURES III

COLLEGE

Grades 11 - 12

Having successfully completed Ventures I and II, students will now focus on Networking. This will include troubleshooting and diagnostic work in both the classroom and throughout the school. Students will follow a series of competencies to complete this level of the Computer Venture Programs. The competencies will include both written work and lab work. This class will run with Computer Ventures I and II. Students must complete an interview process and be approved by instructor to take this class.

(Prerequisites - Computer Ventures I and II)

5.0 CREDITS

A.3, A.4, C.2



640 COMPUTER VENTURES IV COLLEGE
Grades 11 - 12

Having successfully completed Venture III, students will now focus on putting all skills learned to use throughout the school. The student will plan and complete a semester plan of action to follow throughout the semester. The student will be required to keep a daily journal of their activities throughout the class period. This journal will be part of an overall portfolio that will include types of problems, systems encountered, and new items learned throughout the class duration. This class will run with Computer Ventures I and II. Students must complete an interview process and be approved by instructor to take this class.

(Prerequisite - Computer Ventures III)
5.0 CREDITS A.3, A.4, C.2

641 ADVANCED COMPUTER APPLICATIONS - IV
Grades 11 - 12

For Junior and Senior computer enthusiast, Windows, Windows Explorer, and Office 2000- will be covered at an accelerated pace. Access, PowerPoint and Microsoft Publisher will be covered in depth. The course will include an understanding of computer terms and how a computer works. Various hands-on projects will be required. Unit tests will be administered as well as term exams and projects.

(Prerequisite - Computer Applications III)
2.5 CREDITS A.4, C.3, I.1

642 SOFTWARE SOLUTIONS

A brief introduction to keyboarding will be given focusing on correct keyboarding skills. Students will learn the fundamentals of Microsoft Word, Power Point and Excel. The course will expose students to practical examples of the computer as a useful tool; acquaint students with the proper procedures to create documents suitable for coursework at Wareham High School. Instruction will also be given to students regarding Internet issues such as Myspace, Facebook, YouTube, identity theft, secure Internet connections, and current events in technology. Power School fundamentals will also be introduced to the student. A web design component will also be introduced to students as well as a career and academic planning component: i.e. *Bridges Career Planning Software*. Differentiated instruction will be used by the instructor to enable all students

access in the use of computer applications. Unit tests will be given at the end of each lesson. A final exam will also be given. **This is a course that is required of all students for graduation beginning with the Class of 2012.**

2.5 CREDITS A.1, I.1, C.2

MARKETING EDUCATION (DECA)

Applicants for the Marketing Education program are screened at the school level in the areas of career interest fundamental skills, reliability and employability. Marketing Education is available to any student that is interested in exploring the possibility of a career in marketing, finance, accounting, advertising, or management. Students who are planning to attend college and major in the various areas of Business Administration should also consider Marketing Education.

635 BUSINESS PRINCIPLES: INTRODUCTION TO BUSINESS COLLEGE or HONORS Grade 11

This course is Junior DECA. Enrolling in this course makes the student eligible for membership in DECA. This is the basic course for students who plan to go to college and major in Marketing or Business Management. As part of the DECA Program, students will receive instruction in all components of the free enterprise system. This course presents a balanced view of business: the strengths and weaknesses, successes and failures, problems and challenges. The students will develop a solid foundation for more advanced courses, and be prepared for the opportunities, rewards and challenges of a career in the business field. Students will develop a business vocabulary, take unit tests and participate in independent projects. This course is an articulated component of the Tech Prep Program. It is highly recommended that students also enroll in Computer Applications II.

5.0 CREDITS A.1, C.1, R.3

643 BUSINESS MANAGEMENT HONORS
Grade 12

This course is part of Senior DECA and has the same description as course #644. Enrolling in this course makes the student eligible for membership in DECA. Additionally, students will be assigned two research papers that will be due each semester. Students will also do short papers on current trends in the business world. These topics may include but are not limited to marketing, finance, production, economics, and retailing. Students selecting this course must also select course #645 or #646.

5.0 CREDITS A.1, A.4, I.1

644 BUSINESS MANAGEMENT/RETAILING PRINCIPLES COLLEGE Grade 12
 This course is part of Senior DECA. Enrolling in this course makes the student eligible for membership in DECA. This college-oriented course is designed to build leadership skills in the various marketing competencies. Instruction in advertising, communication, display, human relations, management, mathematics, merchandising, operations, product and service technology and selling will be given. In addition to classroom activities, the student will be assigned independent projects. A final examination will be administered at the end of each semester. This is an articulated component of the Tech Prep Program. Students selecting this course must also select course #645 or #646.
 5.0 CREDITS A.1, A.4, **I.1**

645 MARKETING COLLEGE Grade 12
 This course is part of Senior DECA. Enrolling in this course makes the student eligible for membership in DECA. This course is designed to be supplemental to the retailing and management program for Grade 12. The class is designed to provide hands on training and experience to supplement class room instruction within the Distributive Education Program. Students will learn economic principles as they apply to business, apply marketing principles to various marketing projects, learn job interview techniques, and learn many marketing math principles as it applies to retailing and business.
Must also take 644 or 643- BUSINESS MANAGEMENT/RETAILING PRINCIPLES.
 5.0 CREDITS A.3, C.1, R.3

646 MARKETING HONORS COLLEGE Grade 12
 This course is part of Senior DECA and has the same description as course #645. Enrolling in this course makes the student eligible for membership in DECA. Additionally, students will be assigned a written project that may be used for competition at the DECA District Career Development Conference, the DECA State Career Development Conference, and the DECA International Career Development Conference. Students will also be engaged in a marketing simulation that includes finance, marketing, promotion, merchandising, and pricing. **Must also take 644 or 643- BUSINESS MANAGEMENT/RETAILING PRINCIPLES.**
 5.0 CREDITS A.3, C.1, R.3

647 HOTEL AND TOURISM MANAGEMENT I COLLEGE Grades 10 - 12
 This course is part of the DECA program. Enrolling in this course makes the student eligible for membership in DECA. This course is designed for those students that have an interest in marketing and specializing in the Hotel/Hospitality/Tourism Industry. This course will introduce the student to careers that are available in the Hospitality Industry as well as guest services, telecommunications, reservations, the guest cycle, check-in and check-out procedures, housekeeping management, inventory systems, safety and chemical management and other topics related to the Hospitality Industry. Student assessment will be based on tests, quizzes, homework, projects, presentations and class participation.
 5.0 CREDITS A.4, C.3, A.1

648 SPORTS AND ENTERTAINMENT MARKETING COLLEGE Grades 10 - 12
 This course is part of the DECA program. Enrolling in this course makes the student eligible for membership in DECA. Get ready to jump into two of the most exciting and competitive businesses in the world, **sports and entertainment**. Sports and Entertainment Marketing is one of the hottest majors on college campuses all over the country. Sports and Entertainment Marketing is a subject to which all students can relate. Sports and entertainment are everywhere not just in ball parks and theaters, but at schools, on television and radio, in stores and on the Internet. Topics covered but not limited to college and amateur sports, professional sports, public image, sports marketing, entertainment industry, recreational marketing, and marketing/legal issues for sports and entertainment. Student's assessment will be based upon tests, quizzes, class work, individual and group projects, homework, and class participation.
 5.0 CREDITS A.4 , C.3, A.1

###MARKETING EDUCATION: OJT (CO-OP)

Grade 12

This course is an optional part of Senior Marketing/DECA. To be eligible for the Marketing Education O. J. T. Program, students must enroll in the full Marketing Education program in their senior year. Students will receive work experience related to their classroom instruction in a local business establishment. Each student will be evaluated on the basis of his/her work performance. This course is scheduled by the instructor at the beginning of the school year in September.

5.0 CREDITS

A.1, C.2, I.2

650 SCHOOL TO CAREER PROGRAM

Grades 11 - 12

Begin now to focus on a career and make informed decisions about your future. School to Career provides you with an opportunity to work in a supervised internship in the community to help you reach your career goals. Grades are based on employer evaluations, attendance, and time sheets. Some work sites require a TB test or an up to date physical prior to placement. Mid term and final exams also required. Continued participation for the school year in the School To Career Program will be based on attendance and in the School To Career Program during the school year. Preference for enrollment into this course will be given to seniors. This course may be taken only once during a student's tenure at the high school. Student's that receive 2 or more CP's on their report card from T1 and T2 will no longer be enrolled in the course for Semester 2 (well as those students that exhibit poor work ethic skills and poor interpersonal work-place skills).

10 CREDITS

A.1, C.2, I.2



660 CHILD CARE AND DEVELOPMENT

Grade 11 or 12

The course is designed to bring child development and parenting concepts alive for students. Basic information is presented in depth. Concepts are combined with practical applications. After introducing students to the importance of studying children and parenting, the text focuses on development from conception through age six. We cover chapters on Growing with Children; Living in Families; Effective Parenting Skills; Teen Pregnancy and Parenthood; Prenatal Development; Preparing for Birth; The Baby's Arrival; Physical, Emotional, Social, and Intellectual Development during the First – Sixth year; and Health and Safety. There will be a test given at the end of each chapter as well as a mid-year and final exam.

5.0 CREDITS

A.1, I.1, C.1

Those students that enroll in this course may qualify for the School to Career Program. These students will be placed in a child care facility as a job site. These sites may include local childcare businesses or a Wareham Elementary School.

801 WOODWORKING TECHNOLOGY I

This course will teach basic concepts of woodworking. Students will be trained in the use of new, highly technical power tools and other technology applications to woodworking. Students will be required to complete two projects during the semester and complete a series of oral and written tests.

2.5 CREDITS

A.2, C.2, I.1



802 WOODWORKING TECHNOLOGY II

This course provides in-depth study of furniture making. Students will be required to design, plan, and produce two projects during the semester. Students will be evaluated on completion of their projects and a series of oral and written tests. Permission must be obtained from the Department Head/Instructor before registering for this course.

(Prerequisite - Woodworking Technology I)

2.5 CREDITS

A.2, C.2, I.1

806 WOODWORKING TECH 3 SEM

This course is designed for Grades 11 and 12 who are interested in learning advanced techniques in woodworking. Students will be required to design their project, produce a bill of materials and construct a piece of furniture. Students will be evaluated on completion of their projects each term and a series of oral and written tests. Permission must be obtained from the Department Head/Instructor before registering for this course.

(Prerequisites - Woodworking Technology I and II)

2.5 CREDITS

A.2, I.1, C.2

822 WOODWORKING TECH 4 Grades 11-12
This course is designed for Grades 11 and 12 who are interested in learning advanced techniques in woodworking. Students will be required to design their project, produce a bill of materials and construct a piece of furniture. Students will be evaluated on completion of their projects each term and a series of oral and written tests. Permission must be obtained from the Department Head/Instructor before registering for this course.
(Prerequisites - Woodworking Technology I, II, and III)
2.5 CREDITS A.2, I.1, C.2

820 INTEGRATED TECHNOLOGY- PART 1 Grades 10 - 12
Learn concepts of vehicle design studio! Students will practice the industrial (product) design process, a visual and three dimensional language used to engineer new product ideas through the development of mock-ups and model construction. Videogame developers, toy and game designers, exhibit designers, movie production designers, and animators, furniture designers, car, boat and aircraft designers all use the industrial design process. Students will research and apply traditional basic fundamental design and visual communication skills, cutting edge technology, and tools related to the product development and design process. Students will then use their design development skills to fabricate a scale model or prototype and present their design for exhibit/display. These skills will include the use of rapid visualization: speed sketching: hand and digital pen and marker rendering, technical control drawing, CAID, Computer-Aided Industrial Design and 3-D rendering tools. This is a course meant for those individuals who wish to pursue higher learning in the discipline of design.
2.5 CREDITS I.2 I.3 C.3

808 PLASTICS TECHNOLOGY
This course will give students an introduction to the types, uses and methods of working with various forms of plastic. Projects will be completed using thermoplastic and thermosetting materials. Instruction in the proper use of hand and power tools will be part of this course. Students will complete a series of required projects.
2.5 CREDITS A.2, I.1, C.2

821 INTEGRATED TECHNOLOGY-PART II Grades 10 - 12
Integrated Technology Part II is a continuation of Part I. IT-2 will incorporate the further development of the mock-up from IT Part I into a finished museum quality presentation model or prototype with exhibit boards suitable for professional review. Students may choose from a list of medium, and materials in which to work. This is an excellent opportunity to produce a professional portfolio piece for those planning on applying to design and engineering colleges. The course will include methods of professional model making and finishing techniques, design graphics, and model exhibit, lighting and portfolio planning, layout, design and digital studio photography of model.
Prerequisite- (Integrated Technology Part I)
2.5 CREDITS I.1, I.2, C.3

812 MECHANICAL DRAWING - PART I
This course is designed to give students the ability to express themselves in technical, graphic language. It will give students the ability to visualize objects and present them in a meaningful form. Areas covered will include sketching, the use of representations, drawing techniques, computer-aided design, auxiliary and isometric views. Students will be required to maintain a portfolio of individual work. This is a one-semester course.
2.5 CREDITS I.1, I.2, C.3

813 MECHANICAL DRAWING - PART II
This course is a continuation of Mechanical Drawing Part I. Students will continue in their development of representations, computer – aided design, auxiliary views, and isometric views. Students will be required to maintain a portfolio of individual work. This is a one-semester course. **(Prerequisite – Mechanical Drawing Part I)**
2.5 CREDITS I.1, I.2, C.3

814 ARCHITECTURAL DRAWING – PART I
This course will give students knowledge of the factors involved in the planning of a building. Areas of study will include room layout, styles of housing, and selecting types and amounts of materials. The design will be presented as working and pictorial drawings, incorporating the use of a CAD (Computer-Aided Design) system. Model construction will afford students the opportunity to solve problems that occur during the planning and construction phase of any project. Students will be required to maintain a project portfolio containing their individual drawings. This is a one-semester course.
(Prerequisites – Mechanical Drawing Part I and Part II)
2.5 CREDITS I.1, I.2, C.3

815 ARCHITECTURAL DRAWING - PART II

This course is a continuation of Architectural Drawing Part I. Students will use the working and pictorial drawings developed in Architectural Drawing Part I to construct a scale model building. The model construction will afford students the opportunity to solve problems that occur during the planning and construction phase of any design project. Students will be required to maintain a portfolio of individual work. This is a one-semester course.

(Prerequisite – Architectural Drawing Part I)

2.5 CREDITS **I.1, I.2, C.3**

816 TECHNICAL DRAWING - PART I

This course is designed to provide advanced training in the graphic language of technical representation. Emphasis will be on drawings that relate to various fields of engineering. Students will be required to maintain a portfolio of individual work. This is a one-semester course. **(Prerequisites - Mechanical Drawing Part I and Part II)**

2.5 CREDITS **I.1, I.2, C.3**

817 TECHNICAL DRAWING - PART II

This course is a continuation of Technical Drawing Part I. Students will continue with advanced training in the graphic language of technical presentation. Advanced training in the use of the CAD (Computer Aided Design) system will be featured in this course.

(Prerequisite - Technical Drawing Part I)

2.5 CREDITS **I.1, I.2, C.3**

818 ENGINEERING DESIGN – One Semester

Grade 12

This course focuses on the use of graphics, mechanical drawing, and Computer-Aided Design (CAD) for students who plan to consider engineering or architecture as a possible profession. The primary emphasis will be on developing a series of construction projects. The theories of design will be applied in practical situations. (Open to seniors only)

2.5 CREDITS **I.1, I.2, C.3**

819 ENGINEERING DESIGN – Full Year

Grade 12

This course focuses on the use of graphics, mechanical drawing, and Computer-Aided Design (CAD) for students who plan to consider engineering or architecture as a possible profession. The primary emphasis will be on developing a series of construction projects. The theories of design will be applied in practical situations. (Open to seniors only)

CREDITS **I.1, I.2, C.3**

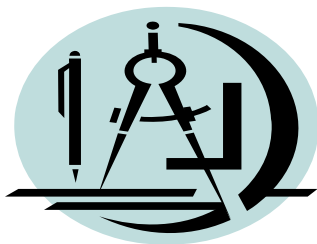
INDEPENDENT STUDY

This course is designed to give students advanced knowledge in specific areas of study. Before the student completes the introductory level course he/she must:

1. Contact the instructor and indicate interest in spending another year in the same course.
2. Gain approval of instructor and the Department Head
3. Prepare contract specifically stating the work the student intends to complete.

Students may acquire the Independent Study form from the Department Head or the Guidance Office.

CREDITS DETERMINED BY TOTAL HOURS OF INDEPENDENT STUDY





ENGLISH LANGUAGE ARTS PROGRAM

Grade	College	Honors
9	*114 English 9 114B English 9 115 Core English 9	*116 English 9 Hon
10	*124 English 10 124B English 10 151 Core English 10	*126 English 10 Hon
11	*134 English 11 151B Core English 11	*136 English 11 Hon *137 AP Language and Composition
12	*144 English 12	*146 English 12 Honors *147 AP Literature and Composition
Electives		Electives
9 – 12	*153 Introduction to Creative Writing	
10-12	*150 Creative Writing *154 Journalism *157 Creative Writing II *164 Film Study	
11-12	156 SAT Prep 166 Yearbook Construction & Design I 167 Yearbook Construction & Design II	*155 Journalism 2 *159 Literature from the Female Perspective *160 Contemporary Writers *168 Vietnam Conflict Legacy Honors

*Indicates course is used to calculate class rank.

Electives: May be taken in conjunction with regular required English classes.

114 ENGLISH 9 COLLEGE
 “Practice makes perfect” is a saying that is very true in English 9. Write, rewrite, and write again, but learn to enjoy it. Investigate a topic through research and learn the MLA format for properly citing your sources. Respond to such questions as: What is a hero? How can I adjust to a new school? Can there be a rainbow of harmony? How do people maintain integrity in difficult times? Read and write about such themes, as you learn about yourself and human behavior through stories, drama, poems, and nonfiction.
5.0 CREDITS **A1, I1, I3, C1**

114B ENGLISH 9
 This course has the same requirements as course 114, English 9, but will emphasize high interest reading, thinking, and basic writing skills and will provide significant MCAS preparation. Smaller class size and individual attention will be stressed.

(Prerequisite – Teacher recommendation)
5.0 CREDITS **A1, I1, I3, C1**

115 CORE ENGLISH 9
 This course is meant for students who need work on basic English skills. Students will work on test taking and study strategies along with reading and writing skills. The major goal of the course is to help prepare students for the MCAS test taken in Grade 10 and to supplement their current English class. Students will be enrolled in this class using teacher recommendation, Grade 8 MCAS scores, and WCAS scores as a basis for placement.

2.5 CREDITS **A2, I1, I3 C1, R3**

116 ENGLISH 9 HONORS
 This Honors course will study the same topics as English 9 College but with proper modifications for Honors-level students. These modifications will include such items as additional novels, writing assignments, and group projects.

(Prerequisites – Advanced standing in the eighth grade ELA portion of the MCAS, above proficient score on English 9 Honors Placement Test and recommendation of previous English teacher or 2 of 3 of these requirements)

5.0 CREDITS **A1, I3, C1, R1**

124 ENGLISH 10 COLLEGE
 Have you always wished that you could "go where no man has gone before"? Are you nervous about the MCAS test? Read, practice, and write as you travel through time with Odysseus, investigate a murder with Hercules Poirot, relive the march on Washington with Martin Luther King, and search for your identity with Holden Caulfield. As you consider these varied topics, you will improve reading, creative writing and research skills preparing you for the MCAS.

5.0 CREDITS **A1, A3, I1, I3, C2**

124B ENGLISH 10
 This course has the same basic requirements as 124, English 10, but will emphasize high interest reading, thinking, and basic writing skills and will provide significant MCAS preparation. Smaller class size and individual attention will be stressed.

(Prerequisite – Teacher recommendation)
5.0 CREDITS **A1, I1, I3, C1, R3**

126 ENGLISH 10 HONORS
This Honors course will study the same topics as English 10 College but with proper modifications for Honors-level students. These modifications will include such items as additional novels, writing assignments, and group projects.
(Prerequisite-Minimum grade of A- in English 114; minimum grade of B- in English 116 and teacher recommendation)
5.0 CREDITS A1, A3, I1 I3, C2

134 ENGLISH 11 COLLEGE
Does Old Scratch wander in the forests of New England? Were Salem witches really hanged? How did the struggles of Maya Angelou and Richard Wright help black Americans gain equality? Investigate these topics as you read short stories, poetry, drama, and nonfiction. Also, in our library, research a topic relating to American literature and bring it to publication on the word processors in the computer lab. Additionally, work on skills needed to score well on the new PSAT and the SAT that will be taken during your junior year.
5.0 CREDITS A1, I1, I2, I3, C2, R5

136 ENGLISH 11 HONORS
This Honors course will study the same topics as English 11 but with proper modifications for Honors-level students. These modifications will include such items as additional novels, writing assignments, and group projects.
(Prerequisite – Minimum grade of A- in 124 English 10 or minimum grade of B- in 126 English 10 or teacher recommendation)
5.0 CREDITS A1, I1, I2, I3, C2, R5

137 AP LANGUAGE AND COMPOSITION
This course offers Juniors an opportunity to focus primarily on American Literature. It will prepare students to analyze the rhetoric of prose passages and allow them to demonstrate their skill in composition by writing essays in various rhetorical modes. At the end of the course, students will take the AP exam. **Students will prepare for the AP exam which is administered in May. Each student is responsible for paying his/her test registration fee. Summer work is required.**
(Prerequisite: Minimum grade of A- in previous English class and teacher recommendation)
5.0 CREDITS A3, I1, I2 I3, C2,R2,

144 ENGLISH 12 COLLEGE
Do you want the keys to the executive washroom? Do you want "to talk pretty and influence people"? Well, perhaps 12th grade English is for you. As part of a study of English Literature, we will explore Macbeth's unsuccessful bid for power, as well as examine how Liza Doolittle learns to speak like a lady and land a bundle of not-so-filthy lucre. In addition to these works, we will also examine five hundred years of British poetry and find some relevance in the poems for the MTV generation.
5.0 CREDITS A1, I1, I2, I3, C2

146 ENGLISH 12 HONORS
This Honors course will study the same topics as English 12 College Prep, with proper modifications for Honors-level students. These modifications will include such items as additional novels, writing assignments, and group projects.
(Prerequisite – Minimum grade of A- in English (134 or 137) or minimum grade of B- in English 136 or teacher recommendation)
5.0 CREDITS A1, I1, I2, I3, C2

147 AP LITERATURE AND COMPOSITION
In AP English class, students can expect to read, write and comprehend various pieces of World Literature at a college level. At the end of the course, students will take a standardized test and those who prevail will be truly able to say, "We are the champions". **Students will prepare for the AP exam which is administered in May. Each student is responsible for paying his/her test registration fee. Summer work is required.**
(Prerequisite: Minimum grade of A- in previous English class, (or minimum of B- in previous AP English class), and teacher recommendation)
5.0 CREDITS A1, I2, I3, C2, R1

150 CREATIVE WRITING COLLEGE
Grades 10 - 12
Do you want to be the next Stephen King? Long to create your own Harry Potter? Is Maya Angelou or Steven Spielberg your role model? Creative writing is the course for you. Students will examine and critique a variety of literary forms with a view towards explication and experimentation using these forms as models. Writing will be extensive, and this course should be elected only by students who have faculty with the language.
(Prerequisites – "C" average or better in most recent English class and teacher recommendation)
2.5 CREDITS A3, I1, C1, C2

151 CORE ENGLISH 10

This course is meant for students who need work on basic English skills. Students will work on test taking and study strategies along with reading and writing skills. The major goal of the course is to help prepare students for the MCAS test taken in Grade 10 and to supplement their current English class. Students will be enrolled in this class using teacher recommendation, Grade 8 MCAS scores, and WCAS scores as a basis for placement.

2.5 CREDITS

A2, I3, C1, R3

151B CORE ENGLISH 11

This course is meant for students who need work on basic English skills. Students will work on test taking and study strategies along with reading and writing skills. The major goal of the course is to help students who failed the MCAS test taken in Grade 10. Students will be enrolled in this class using teacher recommendation and Grade 10 MCAS scores.

2.5 CREDITS

A2, I3, C1, R3

153 INTRODUCTION TO CREATIVE WRITING

COLLEGE

Grades 9 - 12

Dying to write the next big blockbuster? Are you a Matt Damon or Ben Affleck “wannabe”? This is the course for you. Do you like to become absorbed in a good movie? Are you touched by poetry? Do you find you need an outlet for your creative genius? Look no further. Intro to Creative Writing will not only expose you to different genres, but hopefully will help you to gain an appreciation for writing as an art. Learn the basics from writing poetry and short stories to screenplays. Students are asked to have a sincere interest in writing.

(Prerequisite – “C” average or better in most recent English class, approval of current English Teacher or Department Head)

2.5 CREDITS

A3, I1, C1, C2

154 JOURNALISM COLLEGE Grades 10 - 12

This course is designed to teach students the rudiments of newspaper reporting. Students will be expected to write articles of their own and to contribute to the class newspaper. Topics such as layout, headlines and leads will be discussed and analyzed. This is a writing-intensive course and is not intended for students who do not like to write. This course may be offered at the Honors level with the approval/recommendation of the Journalism teacher.

(Prerequisites – “B” average in English, presentation of high quality portfolio and recommendation of Department Head)

5.0 CREDITS

A3, I1, C1, C2



155 JOURNALISM II HONORS Grades 11 - 12

This course is offered to Grade 11 and Grade 12 who have completed Journalism I. The Honors curriculum places heightened demand upon students to “do as the professionals do.” Emphasis will be placed on editorial and opinion based writing. A long-term research paper is a course requirement. Only students with a passion for and commitment to written communication skills should enroll. There is a possibility of an internship available upon qualification.

(Prerequisite – “A” average in Journalism I or recommendation/approval of Journalism teacher)

CREDITS

A3, I1, C1, C2

5.0

156 SAT PREP

Grades 11 - 12

This intensive course is encouraged for all juniors. It is designed to help students prepare to take the SAT exam using various methods and tools including an on-line program, test prep work-book activities, SAT essay clinics, a root-based vocabulary curriculum, and a selection of non-fiction and technical reading and response activities geared to increase student proficiency in various critical reading skills.

2.5 CREDITS

A3, A4, I3, R3

157 CREATIVE WRITING II

Grades 10 - 12

Creative Writing II offers more of a good thing. This course is intended for dedicated writers with thick skin, interested in improving their craft. We offer soup to nuts, everything under the sun from poetry to novel and screen writing.

(Prerequisites – a grade of B or better in Creative Writing I and teacher recommendation)

2.5 CREDITS

A3, I1, C1, C2

159 LITERATURE FROM THE FEMALE

PERSPECTIVE COLLEGE

Grades 11 - 12

Why is it that we only learn about male writers? If you have ever found yourself asking that question, then this class is for you! It will feature an exhilarating and inspiring look at female writers and female characters throughout American literature, focusing on how women have changed and inspired the country from all aspects beginning with Abigail Adams up through contemporary authors like Toni Morrison or Mary Higgins Clark. This class is offered to juniors and seniors as an elective.

2.5 CREDITS

A1, I3, R4, R5

160 CONTEMPORARY WRITERS COLLEGE
Grades 11 - 12

This class is an exquisite and in-depth look into the writers of the 20th and 21st centuries. This class will focus not only on the literature of the time period, but will also delve into the how each work connects with the culture both of the time in which it was written and the story's setting. This class is bound to challenge all your previous beliefs and understandings of contemporary literature and is offered to juniors and seniors as an elective.

2.5 CREDITS A1, I3, R4

164 FILM STUDY COLLEGE Grades 10 – 12

Film Study will introduce interested students to the artistic elements of film. Students will view an eclectic mix and quality cannon of movies in a variety of genres including claymation, cartoon, documentary, drama, horror, science fiction, and war. Central to the course will be discussion and written film reactions which will include analysis of theme, acting, writing, and technical elements. Course requirements include film reviews, a final exam, and other assignments deemed appropriate by the instructor. For those students desiring a more challenging study of the nuances of film, an honors level option is available. Parents must sign off on the film list in order for students to remain in the class. In the event that a film is questioned, a student may be allowed another similar and appropriate title to receive credit.

(Prerequisites – “C” average or better in current English course and teacher recommendation)
2.5 CREDITS A1, I3, C3



166 YEARBOOK CONSTRUCTION AND DESIGN I COLLEGE
Grades 11 – 12

This semester course offers juniors and seniors an opportunity to learn how to develop and construct a yearbook. Included in the course are development of a theme, layout (cropping, copying, and desktop publishing), proofing, photography, advertisement, marketing, and sales. The class, assisted by the Yearbook Club, will be responsible for developing the current yearbook and maintaining archival files and records for future yearbook development. During the first part of this course, students will concentrate on determining the yearbook specifications, developing the theme, designing the cover, photographing event coverage, compiling senior portraits, establishing yearbook layout, meeting monthly deadlines, and marketing the yearbook to the community and area businesses.

(Prerequisites – Recommendation of current English teacher and interview with Yearbook Advisor)
2.5 CREDITS A4, I1, C3, R2

167 YEARBOOK CONSTRUCTION & DESIGN II COLLEGE
Grades 11 – 12

The second semester of this course will continue with the previous semester's activities. In addition, students will focus on completion of the yearbook with final page development, completion of the advertisement section and student directory, and the inclusion of all salient activities of the current school year. Students will also begin the marketing strategy for the upcoming summer months and for the next year's yearbook.

(Prerequisites – Recommendation of current English teacher and interview with Yearbook Advisor)
2.5 CREDITS A4, I1, C3, R2

168 VIETNAM CONFLICT LEGACY HONORS
Grades 11 - 12

This cross-disciplinary course will seek to discover the cultural impact of the Vietnam War and its influence on the art, music, literature, and culture of its time, the 1960's and early 1970's. Students will be required to read several books whose subject is the Viet Nam Conflict. These will include primary source material, historical monographs and works of fiction. Appropriate film offerings, guest speakers and the study of music will supplement the course which will culminate in a cross-curricular writing assignment in which students will synthesize the information studied and investigate the rifts caused by this "undeclared war".

(Prerequisite – Recommendation from English/History Teacher and a grade of no less than B in previous English and History course; Students must also register for History of the Sixties)
2.5 CREDITS A.3, I.3, R.5



HISTORY/SOCIAL SCIENCE PROGRAM

Grade	College	Honors
9	*200 World History	
10	*220 US History I	*221 US History I Honors
11	*238 US History II	*239 US History II Honors
		*237 AP US History
Electives		
10-12	*260 Contemporary Affairs ✓	
11-12	*230 American Politics CP ✓	
	*248 Sociology CP Sem ✓	
	*249 Women's Studies ✓	
	*250 Death and Dying ✓	
	*251 History in Film CP ✓	
	*272 Intro to Economics CP ✓	
	*265 Psychology Sem CP	*261 AP Economics
	*266 Case Studies in Law CP	*262 Constitutional Law Honors

*Indicates course is used to calculate class rank.

✓ Semester course

Note:

Electives: May be taken in conjunction with regular required classes.

200 WORLD HISTORY COLLEGE

Students study the rise of the nation state in Europe, the French Revolution, and the economic and political roots of the modern world. They study the origins and consequences of the Industrial Revolution, 19th century political reform in Western Europe, and imperialism in Africa, Asia, and South America. They will explain the causes and consequences of the great military and economic events of the past century, including World War I, the Great Depression, World War II, the Cold War, and the Russian and Chinese revolutions. Finally, students will study the rise of nationalism and the continuing persistence of political, ethnic, and religious conflict in many parts of the world.

5.0 CREDITS

A.1, I.2, R.4

220 US HISTORY I – 1763 – 1877 COLLEGE

Students examine the historical and intellectual origins of the United States during the 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 US Constitution. Students also study the basic framework of American democracy and the basic concepts of America government such as popular sovereignty, federalism, separation of powers, and 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.

(Prerequisite – World History)

5.0 CREDITS

A.1, I.2, R.5

221 US HISTORY I – 1763 – 1877 HONORS

This Honors course will study the same topics as US History I, but with proper modifications for Honors-level students. These modifications will include such items as portfolio work, writing assignments, and group projects. There is a summer reading requirement to be completed prior to the start of the course.

(Prerequisite – A- or better in World History CP)

5.0 CREDITS

A.1, I.1, R.5



230 AMERICAN POLITICS COLLEGE

Grades 11 - 12

In this semester course, students learn and discuss the origins of the American political system starting with the Federalist versus Anti-Federalist to the modern political landscape that is the 21st century U.S. Students examine the ever changing political landscape in the United States and how the Republicans and Democrats have evolved from their beginnings into the parties that they are today. The course use a wide variety of material from primary source documents to modern day political magazines to learn, to discuss, and to develop an interest in the American Political System. Citizenship is an important aspect of the course where students learn the rights and responsibility of citizens and how to exercise them.

5.0 CREDITS

R.5, I.3, I.2

231 WORLD CIVILIZATIONS COLLEGE

Grades 11 -12

This course is designed to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. The course is a two-semester program that follows a course of study similar to that of a college introductory course in World History. Throughout the year, students will be looking for patterns in historical events, many of which revolve around the contacts among different human societies with a strong weight on Western Civilization. The course’s main emphasis will be on the last one thousand years of human history covering economic, political, technological, social, and cultural developments. To understand history, it is important to study not only the events that occur in time, but the methodology of those events. Students will examine not only what happened, but also why it happened. They will look at historical continuity, along with change.

5.0 CREDITS R.4, A.1, I.3

238 US HISTORY II – 1877 – 2001 COLLEGE

Students will analyze the causes and consequences of the Industrial Revolution and America’s growing role in diplomatic relations. Students will study the goals and accomplishments of the Progressive movement and the New Deal. Students will also learn about the various factors that led to America’s entry into World War II as well as the consequences of World War II on American life. Finally, students will study the causes and course of the Cold War, important economic and political changes during the Cold War, including the Civil Rights movement, and recent events and trends that have shaped modern-day America.

(Prerequisite – US History I)

5.0 CREDITS A.1, I.1, R.5

239 US HISTORY II HONORS

This honors course will study the same topics as US History II College, but with proper modifications for Honors-level students. These modifications will include such items as portfolio work, writing assignments, and group projects. There is an outside reading assignment each semester.

(Prerequisite – B- or better in US History I honors or A- or better in US History I CP)

5.0 CREDITS A.1, I.2, R.3

237 AP US HISTORY ADVANCED

AP US History is an opportunity for high school students to take and receive either college credit or placement in this field. The course is the equivalent of a full year's study in a college US History course. It is designed to stress critical thinking and problem solving. Writing skills are an important component to this course where students must learn how to answer open response questions and document-based questions (DBQ). Students will be required to take exams that will include both objective and open-ended responses. Students will take a midyear and a final exam. They will also produce an alternative assessment project during the last quarter. Summer work is required. **Students will prepare for the AP exam which is administered in May. Each student is responsible for paying his/her test registration fee.**

(Prerequisite – A- or better in US History I honors)
5.0 CREDITS A.1, I.1, R.3

248 SOCIOLOGY SEM COLLEGE Grades 11 - 12

This semester course examines human behavior and groups in society. Students will study both historical and current issues facing society today. Current issues, combined with an emphasis on self, culture, socialization, and social organization, will be analyzed in this course. Students will be required to use critical thinking, problem solving, and decision making skills as well as written and oral communication. In addition, students will take tests which include both objective and subjective responses, will create a research project, and will complete periodic projects.

2.5 CREDITS I.3, I.2, R.4

249 WOMEN’S STUDIES COLLEGE

Grades 11 – 12

This semester course is an overview of women’s studies and history of women’s issues. We will examine the causes and consequences of sexism and gender discrimination. Topics will include stereotypical images; media representation; gender violence, and women’s social and cultural roles throughout American history. We will examine various texts and videos to identify these course concepts.

2.5 CREDITS A.2, I.3, R.5

250 DEATH AND DYING COLLEGE

Grade 11 – 12

This semester course will look at the historical, psychological, sociological, cultural, and religious views and beliefs regarding death and treatment of the deceased and their survivors. We will focus on changes in these beliefs and the impact of these changes as they apply to societal norms. The course will apply these concepts to American and world understanding of death.

2.5 CREDITS A.2, I.4, I.3



265 PSYCHOLOGY SEM COLLEGE
Grade 11 - 12

This course consists of a general study of people and their behavior. Individual and social reasons for behavior will be studied. The focus will be on human development, personality, and intelligence in relation to the individual and society. Students will be required to take tests, which include both open-ended and objective questions, write a minimum of one research paper, complete related projects and take a final exam.

Alternative methods of assessment may be required.
2.5 CREDITS A.1, I.1, C.2

260 CONTEMPORARY AFFAIRS COLLEGE
Grades 10 – 12

As we go on with our daily lives it is easy to lose track of the events that are going on in the world around us. This course will focus on issues with immediate and long-range effects at the local, state, national and international levels with research of the historical backgrounds of the events. The topics that will be included will depend on the issues which are having a major impact in our society at the time the students are enrolled in the class. Methods of instruction will be but are not limited to daily current events, debates and discussions, written position papers and evaluating social and political opinion in television and movies.

2.5 CREDITS A.2, A.4, I.3

261 AP ECONOMICS ADVANCED Grades 11- 12

Wareham High School offers a year-long economics course to its students. The course content is designed to help students develop critical-thinking skills through the understanding, application, and analysis of fundamental economic concepts. Students will be expected to apply quantitative and mathematical skills to economics. They will be expected to apply economic logic to a wide variety of real-world and hypothetical situations. This course prepares students for the AP Economics Examinations. Students must be competent in algebra and geometry, and they must meet school requirements for honors classes. The course content and student requirements are the equivalent courses taught in universities and colleges. Summer work is required.

Students will prepare for the AP exam which is administered in May. Each student is responsible for paying his/her test registration fee.

(Prerequisite - Recommendation by US History Honors, Business, and/or Math instructors)
5.0 CREDITS A.1, I.2, R.3

262 CONSTITUTIONAL LAW HONORS
Grades 11- 12

As students become adults, it becomes especially important that they understand the reasons for and the roles of criminal law and civil law. Of primary concern will be legal rights, obligations, and procedures for adults in our society. This will be done through a rigorous examination of the history of the US Constitution as a basis for discussion of the major theoretical areas of law. The basic skills that will be stressed will be those of reading, writing, and analysis. The course will use a variety of cases, video presentations, and discussions to allow the students to apply the theories to current problems and issues. Activities will include role-playing, court monitoring, and case studies. Students will be required to take written tests which will include both essay and objective questions, make oral presentations, and take a final exam which will include both essay and objective questions. Class participation is an integral part of the class and grade. **(Prerequisite – B- or better in Honors US History or A- or better in US History CP)**

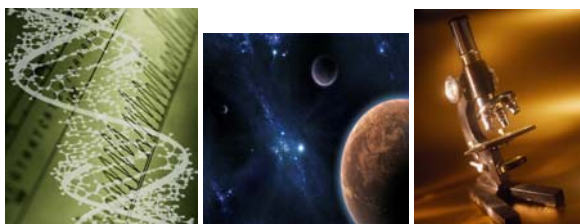
5.0 CREDITS A.2, I.2, R.5

266 CASE STUDIES IN LAW COLLEGE
Grades 11- 12

As students become adults, it becomes especially important that they understand the reasons for and the roles of criminal law and civil law. Of primary concern will be legal rights, obligations, and procedures for adults in our society. The course will use a variety of cases, video presentations, and discussions to allow the students to apply the theories to current problems and issues. The basic skills that will be stressed will be those of reading, writing, and analysis. Activities will include role-playing, court monitoring, and case studies. Students will be required to take tests which will include both essay and objective questions, and a final exam which will include both essay and objective questions. Class participation is an integral part of the class and grade. Class participation is an integral part of the class and grade.

5.0 CREDITS A.2, I.3, R.5





SCIENCE PROGRAM

Grade	College	Honors
9	*542 Core Science	*526 Biology
	*539 Intro to the Physical World/Lab	
10	*524 Biology	*526 Biology
	*525 Applied Biology	*536 Chemistry
	*544 Physics CP	
11	*545 Applied Physics	*527 AP Biology
	*534 Chemistry	*536 Chemistry
	*535 Applied Chemistry	*537 AP Chemistry
	*544 Physics CP	*546 Physics Honors
		*556 Anatomy & Physiology
12	*510 Environmental Science	*557 AP Environmental Science
	*535 Applied Chemistry	*527 AP Biology
	*534 Chemistry	*536 Chemistry
	*544 Physics CP	*537 AP Chemistry
	*545 Applied Physics	*546 Physics Honors
		*556 Anatomy and Physiology
		*557 AP Environmental Science
Electives		
	*518 Engineering Science CP	*547 Forensics Science CP
	*555 Meteorology CP Sem	*570 Zoology
	560, 560F, 560S Aquaculture	*585 Marine Biology Semester
	576 Human Anatomy & Physiology	

* Indicates course is used to calculate rank in class.

510 ENVIRONMENTAL SCIENCE COLLEGE
 Environmental Science will explore the parts of the ecosystem and the connections among them. The impact of various populations and communities on ecosystems will be the focus of this course. Solutions to global and local environmental issues will be investigated.
(Prerequisites – Biology and Chemistry)
 5.0 CREDITS A.3, I.2, C.2

518 ENGINEERING SCIENCE CP COLLEGE
 Activity-based class that uses the engineering design process to solve technical challenges. Activities may include a robotics challenge, bridge building, and constructing a chain-reaction apparatus.
(Prerequisite - Completion of any physics-based science, passing grade on any high school science MCAS)
 2.5 CREDITS I.2, C.2, R.2

524 BIOLOGY COLLEGE
 This course will give students a solid understanding of the processes of life and allow students to make scientifically informed decisions related to their health and to the health of the planet. Students will study life through cell biology and genetics (molecular level), vertebrate anatomy and physiology (tissue and organ levels), and ecology (organism and population levels). Organic evolution, a concept fundamental to understanding modern biology, will unify these diverse topics. This course adheres to the Massachusetts State Frameworks. Students will take an MCAS test upon completion of this course.

5.0 CREDITS I.1, I.2, R.2

525 APPLIED BIOLOGY COLLEGE
 This course uses the practical applications of biology to teach the Massachusetts Science and Technology/Engineering Curriculum Framework. Students will work in the field, with interfacing and computers, and at the lab bench to attain the goals established in the Frameworks.

5.0 CREDITS C.2, R.2, R.3

526 BIOLOGY HONORS
 In addition to the topics covered in Biology 524, this course develops critical thinking and problem solving skills through inquiry-based activities, role-playing and case studies to allow students to transfer and apply knowledge to new situations.
(Prerequisite – Concurrent with Honors Geometry)
 5.0 CREDITS I.1, I.2, R.2

527 AP BIOLOGY
 AP Biology is a college level course and will use a college level textbook. Major lecture topics will include: molecules and cells; genetics and evolution; and organisms and populations. Each of these areas will be thoroughly covered. Note that the AP examination is based on these three categories using a percentage formula. There are twelve required laboratory experiments. Topics for these laboratories include: osmosis and diffusion, enzymes, respiration, molecular biology, genetics, transpiration, physiology of the circulatory system, behavior, and dissolved oxygen analysis. Students will be required to do a summer/evening work. Students will prepare for the AP exam which is administered in May. Each student is responsible for paying his/her test registration fee.

(Prerequisites – Concurrent or successful completion of Honors Anatomy & Physiology)
 5.0 CREDITS A.3, I.2, C.2

534 CHEMISTRY COLLEGE Grades 11 - 12
 Students will study atomic structure, physical and chemical changes, the structure and properties of elements and compounds, types of chemical reactions, and energy associated with chemical changes. Evaluation will include laboratory activities and reports, quizzes and chapter exams. This course adheres to the Massachusetts State Frameworks.

(Prerequisite – Concurrent or successful completion of Algebra II)
 5.0 CREDITS I.1, I.2, R.2

535 APPLIED CHEMISTRY COLLEGE
 Grades 11 - 12

This is a general overview of chemistry and its applications in our world. Material covered will include an overview of chemistry, including some vocabulary and general principles. Topics to be discussed include some biochemistry, forensic science, and environmental chemistry.

(Prerequisite – CP Biology or Applied Biology)
 5.0 CREDITS I.1, I.2, R.2

536 CHEMISTRY HONORS
 This course covers all topics presented in Chemistry 534. In addition, enrichment topics that prepare a student for the AP Chemistry course will be covered.

(Prerequisites – Biology Honors and Concurrent or successful completion of Algebra II Honors)
 5.0 CREDITS I.1, I.2, R.2



537 AP CHEMISTRY
 AP Chemistry is a college-level course and will use a college-level textbook and lab book. Students who elect this course should be highly motivated and have above average ability in mathematics. Scientific investigation will be pursued at a college level. The course will cover basic chemical concepts, electronic structure, chemical bonding, physical properties of substances, solutions, thermodynamics chemical equilibrium, electrochemistry, kinetics, acid-base theory, nuclear chemistry and a survey of the chemistry of elements. Laboratory experiments will reinforce material covered in class. Evaluation will include lab skills, quizzes and tests. Can be concurrently enrolled in Pre-Calculus or Calculus. Students will prepare for the AP exam which is administered in May. Each student is responsible for paying his/her test registration fee.

(Prerequisites - Completion of Honors Algebra II and Honors Chemistry, concurrently enrolled in Pre-Calculus or Calculus)
 5.0 CREDITS A.3, I.2, C.2

539 INTRO TO THE PHYSICAL WORLD/LAB COLLEGE Grade 9

In this lab-centered introductory physics course, students recognize the nature and scope of physics, including its relationship to other sciences. Students will use hands-on, practical activities to investigate motion and forces, conservation of energy, momentum, heat and how thermal energy is transferred through different phases of matter, waves and how they carry energy, electric current, voltage, and resistance, and magnetism. Students who complete this course may take an MCAS Science test required for graduation.

5.0 CREDITS A.1, I.1, R.2

542 CORE SCIENCE COLLEGE

This class will focus on passing the biology content area MCAS Test. Topics will include; Cells, Chemistry of Life, Genetics, Evolution, Ecology, Anatomy and Physiology. All students enrolled in the class will take the biology MCAS examination.

5.0 CREDITS A.2, I.2, C.2

544 PHYSICS CP COLLEGE Grades 10 - 12

Students will study the physics of the world around them from a conceptual viewpoint. Use of math in this class is at a basic level and includes some equations and graphing. The emphasis of the course will focus on the laws of physics as they act upon our world, explained through experimentation and instruction.

(Prerequisites – Successful completion of Algebra I and Geometry)
 5.0 CREDITS I.1, I.2, I.3

545 APPLIED PHYSICS COLLEGE
 Grades 11 - 12

The practical applications of physics will be studied. Students will design and build miniature dams, electrical circuits, motors, ramps, and other devices to demonstrate and utilize physics concepts. Emphasis will be on how physics relates to a student's daily life.

(Prerequisite - Successful completion of Algebra I)
 5.0 CREDITS I.1, C.2, R.2

546 PHYSICS HONORS Grades 11 - 12

This course is a philosophical and laboratory approach to the study of physics. Students will study mechanics, waves, motion, sound, optics, and electricity. Students are required to submit laboratory reports, take periodic tests, and complete mid-semester and final examinations.

(Prerequisites – Honors Algebra II and Honors Chemistry)
 5.0 CREDITS I.2, I.4, R.3

547 FORENSIC SCIENCE CP COLLEGE
 Forensic science is the application of scientific knowledge toward crime investigation. Topics and activities include crime scene investigation, collection, handling and examination of trace evidence, finger print, blood and blood spatter evidence. This class uses an inquiry-based approach towards the subjects of biology, chemistry and physics.
(Prerequisite - Successful completion of any physics-based class, and any chemistry and any biology. Passing grade on any high school science MCAS)
 2.5 CREDITS A.1, I.1, I.2

555 METEOROLOGY COLLEGE Grades 11 - 12
 This course entails a systematic study of the atmosphere. The class will explore ocean currents and storms, as well as track hurricanes. The atmosphere, weather and predicting weather, tornadoes and thunderstorms, and climate will also be explored.
 2.5 CREDITS A.1, I.1, C.2



556 ANATOMY AND PHYSIOLOGY HONORS Grades 11 - 12
 A year-long course that will include a review of chemical, cellular and tissue organization, as well as, an extensive study of all body systems. Students should take this course prior to or concurrently with enrollment in AP Biology.
(Prerequisites – Honors Biology and Honors Chemistry)
 5.0 CREDITS A.1, I.1, C.2

557 AP ENVIRONMENTAL SCIENCE
 AP Environmental Science is a college level course and will use a college level textbook. The parts of the ecosystem and the connections among them will be studied. The impact of populations and communities on ecosystems will be the focus of this course. Solutions to global and local environmental issues will be investigated. Students will prepare for the AP exam which is administered in May. Each student is responsible for paying his/her test registration fee.
(Prerequisites – Biology and Chemistry)
 5.0 CREDITS A.3, I.2, C.2

560 SUMMER, 560F FALL, 560S SPRING
AQUACULTURE HONORS
 The aquaculture program encourages students to become familiar with the physiology and feeding habits of local fish. The marketing of these species are investigated. Students also create a habitat in which plants are grown hydroponically. Students monitor the waters around the school grounds using interfacing and the computer. The class meets after school for three trimesters. Students may enroll for one, two or three semesters. Students prepare a portfolio and present a project.
 2.5 CREDITS/Semester A.2, A.3, I.3

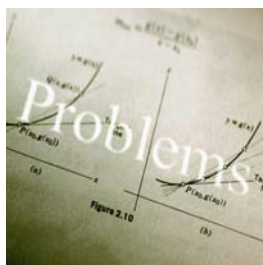
570 ZOOLOGY COLLEGE
 This course will study the animal kingdom. Topics will include basic anatomy, behavior, and habitat. Special attention will be given to natural selection, evolution of species, and adaptation.
(Prerequisite – Biology CP)
 5.0 CREDITS A.2, I.2, C.3

576 HUMAN ANATOMY AND PHYSIOLOGY CP COLLEGE
 This course will include an introduction to the human body, a review of the chemical level of organization, a review of the cellular level of organization, a study of the tissue level of organization, a study of the reproductive system, the integumentary system, the skeletal system, and the muscular system. Topics will include a study of the nervous system, the endocrine system, the cardiovascular system, the lymphatic system, respiratory system, the digestive system, and the urinary system.
(Prerequisites – Biology and Chemistry)
 5.0 CREDITS A.2, I.2, R.3

585 MARINE BIOLOGY SEMESTER COLLEGE
 This is a half year course focusing on the ocean environment and the marine life that inhabits it. Students will spend time learning about the physical aspects of the ocean, the individual ocean environments, and the organisms living in the ocean. An on-site salt marsh is explored.
(Prerequisite – CP Biology)
 2.5 CREDITS A.1, I.2, R.2



MATHEMATICS PROGRAM



Grade	College	Honors
9	*410 Algebra I	
	418 Algebra I, Part 1	*426 Geometry Honors
10	*420 Geometry	*426 Geometry Honors
	419 Algebra I, Part 2	
11	*430 Algebra II	*436 Algebra II Honors
	*433 Algebra II, Part 1	*446 Pre-Calculus Honors
	*409 Personal Financial Literacy	
12	*435 Algebra II Part 2	*446 Pre-Calculus Honors
	*442 College Math	*447 AP Calculus
		*448 AP Statistics
	410B Core Math 9	
	420B Core Math 10	
	430B Core Math 11/12	

*Indicates course used to calculate class rank.

MCAS and MCAS Retest include topics from: Number Sense; Patterns, Relations, and Algebra; Geometry; Measurement; and Data and Statistics.

The SAT I includes topics from: Arithmetic, Algebra I, Geometry, Algebra II and Probability.

410 ALGEBRA I COLLEGE

Students review topics from PreAlgebra to the language, symbols and rules of Algebra, signed numbers, sets, expressions and equations. Linear and quadratic functions will be a central focus for study along with graphs and applications to real life. Topics from probability and statistics will be covered. Emphasis will be placed on preparing students for the MCAS and future standardized tests that they might take (PSAT, SAT, ACT). Students must keep a three-ring binder/notebook, complete all assignments and take periodic tests and quizzes. A TI-83 or 84 Plus graphing calculator is required.

(Prerequisites - Grade 8 mathematics and teacher recommendation)

5.0 CREDITS

A.1, I.1, I.2

410B CORE MATH 9

Core Math is an academic support class for each of grades 9-12. This course is offered in addition to a regular mathematics class to students requiring an Education Proficiency Plan (EPP). Core Math is designed to support students with their present math course, strengthen basic skills and remediate areas of weakness. A major focus of the course will be to assist students with mathematics instruction for standardized tests. This course does not fulfill the 3-year math requirement for graduation. Students are required to keep a three-ring binder/notebook, complete assigned work, and take periodic tests and exams.

(Prerequisites – Warning on Grade 8 MCAS and Administrative and/or teacher recommendation)

2.5 CREDITS

I.1, I.1, R.3

418 ALGEBRA I, PART 1 COLLEGE

This course is selectively offered to students who will benefit from an extended coverage of Algebra I. Students will be introduced to the language, symbols and rules of Algebra, work with signed numbers, sets, expressions, and linear equations. Topics from probability, statistics and geometry will be integrated to assist in preparing students for the MCAS and future standardized tests that they might take (PSAT, SAT).

Students must keep a three-ring binder/notebook, complete all assignments and take periodic tests and quizzes. Each student should have a TI83 Plus or TI 84 Plus graphing calculator. Upon successful completion of this course, students will be enrolled in Algebra I, Part 2.

(Prerequisites – Teacher and/or Administrative recommendation)

5.0 CREDITS

I.1, I.2, C.2

419 ALGEBRA I, PART 2 COLLEGE

This course is selectively offered to students who will benefit from an extended coverage of Algebra I. Students will be introduced to graphing linear equations and inequalities, linear systems, quadratic equations, properties of exponents, functions and other topics to complete the Algebra I curriculum. Emphasis will be placed on preparing students for the MCAS and future standardized tests that they might take (PSAT, SAT). Students must keep a three-ring binder/notebook, complete all assignments and take periodic tests and quizzes. Each student must have a TI-83 Plus or TI 84 Plus graphing calculator.

(Prerequisites – Successful completion of Algebra I, Part 1 and teacher recommendation)

5.0 CREDITS

I.1, C.2, R.3



420 GEOMETRY

COLLEGE

This course has been designed to make Geometry accessible and inviting to a wide range of students. The content and teaching strategies reflect the curriculum, teaching and assessment standards of the National Council of Teachers of Mathematics and the Massachusetts Frameworks. Geometry emphasizes reasoning and logical thinking, balances coordinate, synthetic, and transformational geometry, integrates technology, and connects Geometry to Algebra, data analysis, probability, Trigonometry, and discrete mathematics. Students are offered opportunities to incorporate exploratory activities, applications, writing and communicating. Students can measure their mathematical growth in a variety of ways, including cooperative learning activities, open-ended problems, journal writing, and projects. Particular emphasis will be placed on preparing students for the MCAS and future standardized tests they might take. Students must keep a three-ring binder/notebook, complete all assignments and take periodic tests and quizzes. Each student must have either a scientific or graphing calculator.

(Prerequisite – Algebra I or Algebra I Honors; students of grade 9 are not eligible for this course)

5.0 CREDITS

I.2, I.3, R.3

420B CORE MATH 10

Core Math is an academic support class for each of grades 9-12. This course is offered in addition to a regular mathematics class to students requiring an Education Proficiency Plan (EPP). Each course is designed to support students with their present math course, strengthen basic skills and remediate areas of weakness. A major focus of the course will be to assist students with mathematics instruction for standardized tests. This course does not fulfill the 3-year math requirement for graduation. Students are required to keep a three-ring binder/notebook, complete assigned work, and take periodic tests and exams.

(Prerequisites – Warning or Needs Improvement on Grade 8 MCAS Math and administrative recommendation)

2.5 CREDITS

I.1, R.3

426 GEOMETRY

HONORS

This course has been designed for students with a strong mathematical background. The content and teaching strategies reflect the curriculum, teaching and assessment standards of the National Council of Teachers of Mathematics and the Massachusetts Frameworks. Geometry emphasizes reasoning and logical thinking, balances coordinate, synthetic, and transformational Geometry, integrates technology, and connects Geometry to Algebra, data analysis, probability, Trigonometry, and discrete mathematics. Students are offered opportunities to incorporate exploratory activities, applications, writing and communicating. Students can measure their mathematical growth in a variety of ways, including

cooperative learning activities, open-ended problems, journal writing, and projects. Honors Geometry students investigate topics to a greater depth and intensity.

Particular emphasis will be placed on preparing students for the MCAS and future standardized tests they might take (PSAT, SAT). Students must keep a three-ring binder/notebook, complete all assignments and take periodic tests and quizzes. Each student must have either a scientific or graphing calculator.

(Prerequisites – Advanced on Grade 8 MCAS Math, 90 or better in Algebra 1, above proficient score on 8th grade placement test, and Teacher recommendation or 3 of 4 of these requirements)

5.0 CREDITS

I.2, I.4, R.3

430 ALGEBRA II

COLLEGE

For this second course in algebra students will focus on interpreting and modeling data. Students must have a firm understanding of Algebra 1 concepts. Students will study linear, quadratic, exponential, logarithmic and other functions. Particular emphasis will be placed on application of the curriculum to real-life situations. Graphing calculators and other technology will be used throughout the course. A great deal of emphasis will be placed on solving problems and communicating results. Students will accomplish this by writing, completing projects, making presentations, using graphs and charts, etc. Included in this course is a short preparation for the PSAT (Preliminary Scholastic Aptitude Test) and SAT (Scholastic Aptitude Test). Students must keep a three-ring binder/notebook, complete all assignments and take periodic tests and quizzes. A TI-83 or TI-84 Plus graphing calculator is required.

(Prerequisites - Algebra I and Teacher recommendation)

5.0 CREDITS

A.1, I.1, I.2

430B CORE MATH 11/12

Core Math is an academic support class for each of grades 9-12. This course is offered in addition to a regular mathematics class to students who must take the MCAS Math Retest. Core Math requiring an Education Proficiency Plan (EPP). Each course is designed to support students with their present math course, strengthen basic skills and remediate areas of weakness. A major focus of the course will be to assist students who have not taken or have not passed the math portion of the MCAS. This course does not fulfill the 3-year math requirement for graduation. Students are required to keep a three-ring binder/notebook, complete assigned work, and take periodic tests and exams.

(Prerequisites – Administrative placement - students who are eligible for MCAS Retest)

2.5 CREDITS

I.2, I.3, R.3

433 ALGEBRA II PART 1 COLLEGE
 Algebra II Parts 1 and 2 will teach concepts of a traditional college prep Algebra 2 course over two years. Each part is a full year. For this second course in Algebra, students will focus on interpreting and modeling data. For Part 1, students will focus on linear and quadratic functions, linear equations and inequalities, and systems of linear equations. This 2-part program targets students who have had limited success in Algebra I and Geometry. It is intended that students who successfully complete Algebra II Part 1 will continue with their mathematics program and select Algebra II Part 2. Particular emphasis will be placed on application of the curriculum to real-life situations. Graphing calculators and other technology will be used throughout the course. Students will be afforded a program that meets individual needs and offers classroom practice and support. Emphasis will be placed on solving problems and communicating results. Students will accomplish this by writing, completing projects, making presentations, using graphs and charts, etc. Included in this course is a short preparation for the PSAT (Preliminary Scholastic Aptitude Test) and SAT (Scholastic Aptitude Test). Students must keep a three-ring binder/notebook, complete all assignments and take periodic tests and quizzes. A TI-83 or TI-84 Plus graphing calculator is required.
(Prerequisites – Successful completion of Algebra I and Geometry and Administrative recommendation)
 5.0 CREDITS A.1, I.1, C.2

435 ALGEBRA II PART 2 COLLEGE
 Algebra II Parts 1 and 2 will teach concepts of a traditional college prep Algebra II course over two years. Each part is a full year. For this second course in Algebra students will focus on interpreting and modeling data. For Part 2, students will focus on polynomials, polynomial functions, rational equations and functions, power functions, radical equations, exponential, and logarithmic functions and other topics. Students of the program will be supported as they strive to meet requirements for admission into a 4-year college program. Particular emphasis will be placed on application of the curriculum to real-life situations. Graphing calculators and other technology will be used throughout the course. Students will be afforded a program that meets individual needs and offers classroom practice and support. Emphasis will be placed on solving problems and communicating results. Students will accomplish this by writing, completing projects, making presentations, using graphs and charts, etc. Included in this course is a short preparation for the PSAT (Preliminary Scholastic Aptitude Test) and SAT (Scholastic Aptitude Test). Students must keep a three-ring binder/notebook, complete all assignments and take periodic tests and quizzes. A TI-83 or TI-84 Plus graphing calculator is required.
(Prerequisites – Successful completion of Algebra II Part 1 and Administrative recommendation)
 5.0 CREDITS A.1, I.1, C.2

436 ALGEBRA II HONORS
 For this second course in Algebra students continue to interpret and model data. Students enrolling in this course must have a strong mathematics foundation. Students will complete an in-depth study of linear, quadratic, exponential, logarithmic and other functions. Particular emphasis will be placed on application of the curriculum to real-life situations. Graphing calculators and other technology will be used throughout the course. A great deal of emphasis will be placed on solving problems and communicating results. Students will accomplish this by writing, completing projects, making presentations, using graphs and charts, etc. Included in this course is a short preparation for the PSAT (Preliminary Scholastic Aptitude test) and SAT (Scholastic Aptitude Test). Students must keep a three-ring binder/notebook, complete all assignments and take periodic tests and quizzes. A TI-83 or TI-84 Plus graphing calculator is required.
(Prerequisites - Algebra I - 90 or better; and Geometry - 90 or better or Geometry Honors - 80 or better; and Teacher recommendation)
 5.0 CREDITS A.1, I.1, C.2

409 PERSONAL FINANCIAL LITERACY COLLEGE
 This course covers the basic mathematical operations needed to function effectively in life problem solving exercises and real life applications make up a major part of the course. The concepts of percent, graph analysis, and consumer awareness are stressed. Problems will focus on topics such as transportation, income and expense, taxation, consumer credit, banking, insurance, and cost of living expenses. Investment and retirement topics may be included. Students are required to keep a three-ring binder/notebook, complete assigned homework, take periodic tests, mid-term and final exams. A calculator is required.
(Prerequisites – Algebra I and Geometry)
 5.0 CREDITS A.1, I.1, I.3

442 COLLEGE MATH
 In preparation for the Scholastic Aptitude Test (SAT) this course includes a first quarter review of Algebra and Geometry. Students will practice taking actual SAT's. During the remainder terms of the year additional areas of study will include Trigonometry, probability and statistics, number sequences, functions and graphing. Students must keep a three-ring binder/notebook, complete all assignments and take periodic tests and quizzes. Each student must have either a scientific or graphing calculator.
(Prerequisites - Algebra II or Algebra II Honors and Teacher recommendation)
 5.0 CREDITS A.1, I.1, I.2

446 PRE-CALCULUS

HONORS

Students electing this course have a strong background in algebra and geometry. Pre-Calculus should be taken prior to any Calculus course. Students who anticipate enrolling in a four-year college or university would benefit. Topics covered include circular trigonometric functions and their inverses as well as rectangular and polar graphing, trig identities, trig equations, and solving triangles using trigonometry. Real-life situations assist the student in understanding the applications of trigonometry. Also included is a study of the algebraic and geometric structure of elementary number systems and functions. Specific topics include: mathematical logic and ordered fields, mathematical induction, the algebra of vectors, analytic geometry, matrices, polynomial functions, exponential and logarithmic functions. Students must keep a three-ring binder/notebook, complete all assignments and take periodic tests and quizzes. A TI-83 or 84 Plus graphing calculator is required.

(Prerequisites - Algebra II – 90 or better or Algebra II Honors - 80 or better and Teacher recommendation)

5.0 CREDITS

A.1, I.1, I.2



447 AP CALCULUS

This course integrates the student's skills and knowledge of Algebra, Geometry and Trigonometry. A basic introduction to the differential and integral calculus is combined with the above topics to provide the student with a new mathematical perspective. Emphasis is placed on analytical geometry, limits, continuity, the derivative, the differential, anti-differentiation, the definite integral, and techniques of integration. Technology, real-life data, practical applications, and mathematical models will be integrated into the course. Students will prepare for the AP exam which is administered in May. Each student is responsible for paying his/her test registration fee. Additionally, students will prepare for the Advanced Placement Calculus exam which is administered in May. Students must keep a three-ring binder/notebook, complete all assignments and take periodic tests and quizzes. A TI-83 or 84 Plus graphing calculator is required.

(Prerequisites - Pre-Calculus Honors – 80 or better and teacher recommendation)

5.0 CREDITS

A.1, I.1, C.1

448 AP STATISTICS

The purpose of the AP Statistics course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data (describing patterns and departures from patterns), Sampling and Experimentation (planning and conducting a study), Anticipating Patterns (exploring random phenomena using probability and simulation), and Statistical Inference (estimating population parameters and testing hypotheses). Students will be actively engaged in analyzing data with calculators and computers, conducting experiments, completing individual and group projects, and performing simulations. Moreover, the course will accommodate students with a wide variety of interests and serve those with a wide range of math proficiency. Students must keep a three-ring binder, complete all assignments and take periodic tests and quizzes. Students will prepare for the AP exam which is administered in May. Each student is responsible for paying his/her test registration fee. Students will prepare for the AP Statistics exam which is administered in May. Students are required to keep a three-ring binder/notebook, complete assigned work, and take periodic tests and exams. A TI-83 or 84 Plus graphing calculator is required. A computer will be necessary to utilize required/provided statistical software as students gather and interpret data.

(Prerequisites – Algebra II with a 90 or better or Algebra II Honors with an 80 or better)

5.0 CREDITS

A.1, I.1, I.3

156 SAT PREP

Grades 11-12

This intensive course is encouraged for all juniors. It is designed to help students prepare to take the SAT exam using various methods and tools including an on-line program, test prep work-book activities, SAT essay clinics, a root-based vocabulary curriculum, and a selection of non-fiction and technical reading and response activities geared to increase student proficiency in various critical reading skills. In preparation for the mathematics portion of the SAT, this course includes a review of mathematics concepts from Algebra 1 and 2, Geometry, Probability and Statistics. Students will practice taking actual SAT's.

2.5 CREDITS

A.3, A.4, I.3, R.3

U.S. ARMY – J.R.O.T.C.



Grade	
9 - 12	040 LET 1A Introduction to JROTC
	041 LET 1B Citizenship in Action
	042 LET 2A Individual Responsibility and Leadership
	043 LET 2B Building a High Performance Team
	044 LET 3A Leadership and Community Service
	051 LET 3B Leadership and Community Service
11 – 12	045 LET 4A Command and Staff Responsibilities
	046 LET 4B Leadership Theory and Application

The Wareham Junior Reserve Officers Training Corps (JROTC) Program is a cooperative effort between the United States Army and Wareham High School. JROTC has one mission: “To motivate young people to be better citizens.” The curriculum that supports this mission is entitled Leadership Education and Training (LET), and is divided into 8 sequential semester courses (LET 1 through LET 4B). Each LET course is approximately 90 hours of classroom and laboratory work and draws on material from seven primary areas of study:

1. Citizenship in Action
2. Leadership theory application
3. Foundations for success
4. Wellness fitness and first aid
5. Geography, map skills, and environmental awareness
6. American History and Government
7. Service learning

Students will be required to wear uniforms once per week. These uniforms are provided by the program.

The JROTC course of instruction is administered by military staff made up of retired army personnel who must have a minimum of over 20 years experience in various leadership positions and Department of the Army Certification and approval for appointment.

Students can earn credits in Physical Education:

1. Student who complete Let1 A & B and Let2 A & B, can qualify to earn Physical Education credits in their junior or senior years. Therefore, with a passing JROTC grade, students do not have to take a Physical Education class in their junior year with the completion of Let3 A & B or in their senior year with the completion of Let4 A & B.

040 LET 1A INTRODUCTION TO JROTC

Grades 9 - 12

This is an overview of the purpose and objectives of the JROTC Program. Special emphasis is placed on American democratic values, military traditions, team building, wear of the uniform, drill and ceremony, and basic squad organization.

(Prerequisite - Must be enrolled in Junior ROTC)

2.5 CREDITS

A.2, I.2, R.5

041 LET 1B CITIZENSHIP IN ACTION

Grades 9 - 12

Through a study of early American History and an examination of our founding political documents (Mayflower Compact, Declaration of Independence, Articles of Confederation, the Constitution and the Bill of Rights) this course will provide a framework for understanding the institutions and values that support our democracy. Cadets will examine the rights and responsibilities of democratic citizens.

(Prerequisite – LET 1A)

2.5 CREDITS

A.2, I.2, R.5

042 LET 2A INDIVIDUAL RESPONSIBILITY AND LEADERSHIP

Grades 9 - 12

This course is comprised of three separate but related modules: first aid and achieving a healthy lifestyle, geography and earth science, and the citizen’s role in American Democracy. These three topics are used to show the cadet that there is a direct correlation between individual and collective responsibility.

(Prerequisites – LET 1A and B or recommendation from SAI)

2.5 CREDITS

A.2, R.5, R.2

043 LET 2B BUILDING A HIGH PERFORMANCE TEAM

Grades 9 - 12

This course will focus on a value based approach to team building. The basic principles of command and staff organization will be used to plan, organize, and evaluate a major service learning project.

(Prerequisites – LET 1A and B and 2A or recommendation from SAI)

2.5 CREDITS

A.2, R.5, R.2

044 LET 3A LEADERSHIP AND COMMUNITY SERVICE

Grades 9 – 12

This course focuses on the leadership strategies required to lead oneself and others. Special emphasis is placed on the importance of understanding and respecting cultural and individual diversity, negotiating and managing conflict, and finally, decision making and problem solving. Students can earn Physical Education credit in this course.

(Prerequisites – LET 1A and 1B, LET 2A and 2B, or recommendation from SAI)

2.5 CREDITS

A.2, R.5, R.2

051 LET 3B CAREER PLANNING Grades 9 – 12

This course will continue the focus on leadership strategies required to lead. They will do more independent studies in the area of Communication, Leadership, and Career opportunities and Technology Awareness. The course will also be an introduction to National Endowment for Financial Education (NEFE) Prior to the LET 4 year. . Students can earn Physical Education credit in this course.

(Prerequisite – LET 1A and 1B, LET 2A and 2B, LET 3A and B or recommendation from SAI)

2.5 CREDITS A.1, R.5, R.3

045 LET 4A COMMAND AND STAFF RESPONSIBILITIES Grades 11 or 12

Using the National Endowment for Financial Education (NEFE) Program this course begins with an extensive module on student financial planning and individual financial responsibility. The remainder of the course is devoted to the study and application of leadership and management principles, and an extensive examination of the teaching skills required to develop lesson plans, deliver instruction, and listen to and act on student feedback. Special attention will be placed on thinking maps and graphic organizers. Students can earn Physical Education credit in this course.

(Prerequisites – LET 1A and 1B, LET 2A and 2B, LET 3A and B or recommendation from SAI)

2.5 CREDITS A.2, R.5, R.2

046 LET 4B LEADERSHIP THEORY AND APPLICATION Grades 11 or 12

In this final LET semester cadets will use their acquired skills to conduct extended and complex command and staff assignments, and plan, execute, and evaluate class instruction for the LET 1 & 2 cadets. A large portion of the semester will be devoted to the planning and completion of a major service learning project. Students can earn Physical Education credit in this course.

(Prerequisite – LET 4A)

2.5 CREDITS A.2, R.5, R.2

