

**MARTHA'S VINEYARD REGIONAL HIGH SCHOOL
OAK BLUFFS, MASSACHUSETTS**

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Cover by: Isaiah Maynard

January 2013

Dear Parents and Students,

The strength of Martha's Vineyard Regional High School is not only the quality of our academic offerings, but the variety of offerings as well. While some schools focus on core curriculum, at the expense of a diverse education, we place just as much importance on areas such as: vocational, art, music and computers, as we do science, English, and math. Our goal is to make our young people well rounded and better prepared for life; we want our children to pursue their passion in a 21st century educational setting.

Because our offerings are so broad we ask that you take the time to explore what we make available, as well as to what are specifically required each year. Sit down with your child and make this a collective process by which your student will be happy, challenged, and satisfied with the courses they will take next year.

Be aware that some elective and selective courses, such as: AP courses, 4th year languages, and the Arts may not always be available to your child as they may only be offered once and thereby, conflict with mandatory courses. Make sure that you and/or your child meet with their guidance counselor to ensure that you create the best possible schedule for your child's needs.

If you have any questions or concerns about any of our course offerings please feel free to contact the Department Chair, your child's Guidance Counselor or their Assistant Principal to help you in this all important process.

**Martha's Vineyard Regional High School where we:
Aspire, Collaborate, and Engage**

Sincerely,

Stephen Nixon, Ed.D.
Principal

Martha's Vineyard Regional High School

Core Values, Beliefs, and Learning Expectations

NARRATIVE

We believe that our students need to be able to think independently, respect individuality, and act with integrity in order to thrive in a changing, digital-based, global economy. We believe that education should be personalized, and that our students should be supported and encouraged as they identify their strengths, challenges, and passions. We strive both to guide and challenge our students as they set individualized, self-directed goals within the context of a rigorous academic and extracurricular program. Members of our school and Island community join in providing an environment in which students may realize these core values and beliefs as they:

ASPIRE to discover meaningful work and to contribute to society in a positive way;
COLLABORATE to set and achieve self-initiated and self-directed goals; and
ENGAGE in experiences that allow for exploration of passions and interests.

LEARNING EXPECTATIONS

To achieve long-term goals and be active citizens in our global community, we believe that our students need to develop the following 21st-century skills.

Academic Competencies

Across all academic disciplines, our students will:

Read critically.

Write/communicate persuasively.

Think and reason logically.

Solve complex problems analytically.

Explore ideas creatively.

Evaluate solutions.

Access and use information effectively.

Take intellectual risks.

Achieve content competency.

Social and Civic Competencies

As they engage in our Island and global community, our students will:

Communicate responsibly using technology.

Prioritize, plan, and manage for results.

Work within a group to achieve a goal or outcome.

Know, understand, and appreciate cultural diversity.

Contribute as an informed citizen.

Adjust and adapt to changing environments.

ACCREDITATION STATEMENT

Martha's Vineyard Regional 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, in substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

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

Inquiries regarding the status of an institution's accreditation by the New England Association should be directed to the administrative staff of the school or college. Individuals may also contact the Association:

Commission on Secondary Schools

**NEW ENGLAND ASSOCIATION OF SCHOOLS AND COLLEGES
209 BURLINGTON ROAD
BEDFORD, MA 01730**

CIVIL RIGHTS

The M. V. Public Schools recognize the right of each student and employee to perform in an atmosphere free of harassment, intimidation, ridicule, hostility or offensiveness. MVPS extends its policy of nondiscrimination to students, staff, the general public, and individuals with whom it does business. No person shall be excluded or discriminated against on account of race, color, religion, sex, age or disability. Anyone aggrieved by or complaining of discrimination because of race, color, religion, sex, age or disability may register a complaint with the Civil Rights Compliance at the Office of the Superintendent, RR2 Box 261, 4 Pine St., Vineyard Haven, MA 02568, 508-693-2007, ext. 12. **(See complete statement of civil rights policy in MVPS policy manual, pp. 16-22).**

2013-2014 SCHEDULING GUIDELINES

The following guidelines should be read carefully and followed in selecting your courses for next year. In making your choices, please keep in mind the following requirements:

1. All students must carry **7 courses on their schedule at all times**.
2. In selecting your courses, be sure that you have met all prerequisites. For example, you may schedule English 10 only after successfully completing English 9. **Check the course descriptions or see your counselor or instructor for further information regarding prerequisites.** In certain circumstances, students not having the necessary course prerequisites may schedule a course with the instructor's permission.
3. Students in the college I level in **college preparatory math** sequence **must earn a final grade of 70% or above** to remain in that level for continued study.
4. Any student who fails **required** English, social studies, science and or math course must make it up either by scheduling it in summer school or by re-scheduling it during the next academic year. **Any student who fails English 9 or English 10 cannot schedule the next level of English without first making up the course failed.**
5. Students who wish to drop a course must do so within the first three weeks of the first quarter or receive a W on their transcript. If the student is failing the course they will receive a WF on their transcript. A student may drop an 8th class without receiving a W on their transcript with the discretion of the director of guidance.
6. **Credits Required for Promotion**
From Grade 9 to Grade 10 30 credits
From Grade 10 to Grade 11 60 credits
From Grade 11 to Grade 12 90 credits
7. **Course Credit**
20.00 credits--Vocational Education courses, (20 blocks per 10 day cycle)
5.00 credits--Courses meeting for one full year (5 blocks per 10 day cycle)
2.50 credits--Courses meeting for one semester (5 blocks per 10 day cycle)
8. **Graduation Requirements**
All students must pass the Massachusetts Comprehensive Assessment exam (MCAS) in both English and mathematics. Students must also complete all disciplinary and financial requirements set forth by the administration. Most students in the ninth and tenth grades will have a common core of learning. In any high school year students may take college credits courses, which may be used to meet high school graduation credit requirements. Graduation minimum requirement credits are 120.
9. **Students enrolled in AP courses must take the AP exam in May.** If the student does not take the exam the course will be designated as an honors course and the student will not receive the grade enhancement. Beginning with the class of 2016, students will be allowed to take a maximum of three Advanced Placement courses per year.

Minimum Requirements for Graduation
(Five credits = 1 full year course)

<u>Courses</u>	<u>Credits</u>
English - 4 years	20 cr.
Social Studies – 4 years	
U.S. History I	
U.S. History II	
Global History I	
Global History II	20 cr.
Math - 2 years	10 cr.
Algebra 1 or equivalent.	
Science - 2 years	10 cr.
Physical Education - 4 - ½ years	10 cr.
Health - ½ year	2.5 cr.
Computer Science - ½ year	2.5 cr.
Electives	<u>45 cr.</u>
Total	120 cr.

SPECIFIC SUGGESTIONS REGARDING CAREER/COLLEGE PLANNING

The minimum course recommendations are offered to students who may be considering the following colleges or programs of study:

All Four-Year State Colleges & Universities

(Mass) - Must have 16 units of college preparatory course work including:

College English - 4 years

Algebra I, II, Geometry - 3 years, a 4th year is recommended

World Language - 2 years, 3 years recommended

Social Studies - 2 years (1 year of U.S. History)

Science - 3 years including lab sciences

Electives including - Computer Science, Music, Drama, Art or Technology

Colleges of Engineering

College English - 4 years

Algebra I, II, Geometry, Pre-Calculus, Calculus,

Computer Applications, Programming

Chemistry and Physics

Ivy League Colleges (Yale, Brown, Wesleyan, Williams, etc.)

College English - 4 years (AP English)

Algebra I, II, Geometry, Pre-Calculus, AP Calculus

World Language - 4 years

Social Studies - 4 years

Science - Biology, Chemistry, Physics,

Electives including – Computer Science, Music, Drama, Art or Technology

* Due to the very competitive admission requirements, students who wish to be considered as serious applicants are those recommended for Honors and Advanced Placement (AP) courses.

Colleges of Business (Bentley, Bryant, Babson, etc.)

College English - 4 years

Algebra I, II, Geometry, Pre-Calculus (strongly recommended)

Accounting I and II

Computer Programming and Applications

University of Massachusetts-Stockbridge

English - 4 years

Algebra I, II, Geometry

Lab Science - Biology, Chemistry

Health Service Occupations

Physical Therapy, Pre-Medicine,

Medical Technology, X-ray Technology, Nursing

College English - 4 years

World Language - 2 years

Algebra I, II, Geometry, Pre-Calculus

Biology, Chemistry, Physics

Students may also consider scheduling other advanced science offerings.

ALTERNATIVE EDUCATION PROGRAM

The teachers and students in the newly reorganized MVRHS Alternative Education Department work collaboratively to provide an alternative to those students and parents, who want a different, more personalized approach to their educational experience. The learning environment sets this program apart; core academic classes meet daily and are shorter in length while class sizes are kept small (10-15 students) to maintain a lower teacher-student ratio.

The MVRHS Alt Ed team believes that a voluntary, collaborative, heterogeneously team based approach that is student centered, supportive and open to new ideas can fundamentally change a student's high school experience. We are attempting to build and grow a community that promotes an engaging, hands-on experience where learning is celebrated and inquiry is an ongoing process.

GRADE POINT AVERAGE

The grades of each student in designated courses will be awarded quality points according to the academic weight assigned to the course. AP, Honors, College A, College I, College II. Courses designated **Unweighted** are not included in the grade point average or the class rank. The grade point average (GPA) will be determined by the total of quality points earned divided by the total number of course units which have been weighted.

Weighted Point Values - Many academic courses are assigned point values based upon the degree of difficulty: **AP; Honors; College A; College I; and College II. Unweighted courses do not factor in the grade point average.** Academic course recommendations will be made by the students' individual instructors in those areas where applicable. **In cases where disagreement regarding course recommendations may arise, students and parents are encouraged to meet with the teacher and guidance counselor.** Class size and availability of staff will cause in some places, placement in an alternative course.

Weighted Point Values

Mark		AP	Honors	Col.A	Col.I	Col.II
(95-100)	A	6.50	6.00	5.50	5.00	4.00
(90- 94)	A-	6.17	5.67	5.17	4.67	3.67
(87- 89)	B+	5.83	5.33	4.83	4.33	3.33
(84- 86)	B	5.50	5.00	4.50	4.00	3.00
(80- 83)	B-	5.17	4.67	4.17	3.67	2.67
(77- 79)	C+	4.83	4.33	3.83	3.33	2.33
(74- 76)	C	4.50	4.00	3.50	3.00	2.00
(70- 73)	C-	4.17	3.67	3.17	2.67	1.67
(67- 69)	D+	3.83	3.33	2.83	2.33	1.33
(64- 66)	D	3.50	3.00	2.50	2.00	1.00
(60- 63)	D-	3.17	2.67	2.17	1.67	0.67
(0- 59)	F	0.00	0.00	0.00	0.00	0.00

AP courses offer an opportunity for advanced students in each subject to study at a college level. Students in AP courses **must** take the Advanced Placement Test in May.

Honors courses offer a competitive college prep curriculum with depth of study and a fast pace.

College A courses are **heterogeneously grouped required courses**. These courses are competitive college prep courses.

College I courses offer a solid college prep curriculum.

College II courses also prepare students for college and other post-secondary schools. The classes are smaller so that students may get more individual attention.

Pass/Fail grades are given in some courses. It is important to note that a Pass grade is the equivalent of a 70% and is counted in figuring the grade point average of a student.

INTERNSHIPS, TEACHING ASSISTANTSHIPS, INDEPENDENT STUDIES AND SENIOR PROJECTS

INDEPENDENT STUDY

Prerequisite: Juniors & Seniors

The independent study option is primarily intended for those students who have demonstrated a high level of academic capability and who wish to pursue their studies at a depth or pace not possible in the normal classroom setting. This option may also be recommended for students whose educational needs, due to physical or psychological reasons, would be best served in a tutorial program. Independent study courses are unweighted and are not included in the calculation of the grade point average or the class rank. **Independent study is not an option to replace courses required for graduation.**

A student desiring to pursue independent study must first discuss this matter with the teacher whom he/she wishes to supervise this program. If an arrangement is reached between both parties, an independent study contract is obtained from his/her counselor. **The contract must then be approved by the counselor, principal, and parent and can only be used as an 8th class per semester.**

FOREIGN STUDY PROGRAM

From time to time, international study activities are available. In some of these programs a student lives abroad as a member of a host family. Check with your guidance counselor for the current availability of such opportunities.

LEADERSHIP

2.5 Credits Semester Unweighted Prerequisite: None

This class is recommended for all students who are elected to student government or nominate themselves for student congress. Students will learn leadership skills to apply to student activities and student governance at MVRHS, but they will also have an opportunity to make a difference in their school and community.

STUDENT LIBRARY ASSISTANT

2.5 Credits Semester Unweighted Prerequisite: None

This opportunity exists for a student who wishes to learn the skills involved in operating a school library and maintaining a library media collection. Students will have the opportunity to process new materials, shelve books and media, and work with magazines, periodicals, and newspapers. Students will be instructed in the Dewey decimal classification system and be trained in the use of the automated library system, Library World. This is a hands-on, practical elective that will prepare a student to work in a library media environment. **This course is not counted for eligibility or honor roll.**

STUDENT TEACHING OR RESEARCH ASSISTANTSHIPS

2.5 Credits Semester Unweighted Prerequisite: Juniors & Seniors

These opportunities exist for students who have a special talent or passion for a subject and wish to work alongside a teacher in running the class. In a biology class, the student may assist in setting up laboratories, working with younger students in the class or providing the teacher with help. In a writing class the T.A. would work closely with the teacher to tutor remedial students or assist a student in catching up on missed work. **This course is not counted for eligibility or honor roll.**

SENIOR PILOT PROGRAM

2.5 Credits Semester Unweighted Prerequisite: Seniors-semester 2 only

student may choose to do a Senior Project during the second semester of his or her senior year. A senior must be able to schedule a minimum of three blocks dedicated to working on the Senior Project. A senior would need to conceive of an original project that bears some educational significance to him or her. The student would then need to choose two mentors, one being an in-house teacher who would guide the student through the project by assisting with its planning, process, and eventual presentation. The second mentor would be from outside the school, and work directly with the student on the project itself. Typically the outside mentor is someone who currently works in the particular field and can provide relevant and applicable knowledge to that student.

Interested students need to fill out a SENIOR PROJECT FORM on EdLine and submit to Matthew Malowski, Assistant Principal, prior to the beginning of the second semester

Art, Design & Technology Ed.

DRAWING & PAINTING I

2.5 Credits Semester Unweighted Prerequisite: None

Student will develop confidence in a variety of media and techniques using the classical traditions of life drawing and painting. Projects in pencil, charcoal, felt pen, colored ink and tempera will focus on line, value and color compositions that represent objects, figures and the environment on a two dimensional surface.

DRAWING & PAINTING II

2.5 Credits Semester Unweighted Prerequisite: Drawing & Painting I

The students will be introduced to new media and techniques as they heightening observational and perceptual skills. Projects in graphite, pastel, acrylic and oil will permit more freedom and personal interpretation as the individual develops an appreciation of the arts as an expressive vehicle.

Lab Fee: \$30

ADVANCED DRAWING AND PAINTING

2.5 Credits Semester Unweighted Prerequisite: Drawing & Painting II

Working with more advanced media, students will create individual solutions to a variety of drawing, painting and illustration problems using all wet and dry media. Students will explore printmaking, mixed media and textile design in addition. Career guidance as well as the development and appreciation of each person's individual vision will be emphasized during the course. This class may be taken more than once for credit.

Lab Fee \$30

CRAFTS & SCULPTURE I

2.5 Credits Semester Unweighted Prerequisite: None

Imagine you sitting at a potter's wheel or hammering a chisel into a piece of wood. This is a basic course that deals with the fundamentals of three-dimensional design. Students will learn the process of firing ceramics, cutting glass, tooling leather, and sculpture. Projects will include working in many craft areas including: paper making, pottery, assemblages, and beginning sculpture techniques. Safe use of materials and tools will be emphasized.

Lab Fee: \$10

CRAFTS & SCULPTURE II

2.5 Credits Semester Unweighted Prerequisite: Crafts & Sculpture I

An intermediate studio class which explores a variety of fine craft media and techniques as well as classical methods of creating sculpture. The class will emphasize good design through research and experimentation, while encouraging original ideas and solutions to the projects. Upon completion of the course, the student will be able to demonstrate a mastery of tools and techniques in at least one medium.

Lab Fee: \$20

ADVANCED CRAFTS AND SCULPTURE

2.5 Credits Semester Unweighted Prerequisite: Crafts & Sculpture II

This course is designed to give the student an opportunity to explore a broad spectrum of contemporary craft and sculpture methods in depth. The focus will be on advanced ceramic methods, as well as centrifugal casting, enameling, and found material sculpture. Emphasis will be placed on innovative design, craftsmanship and imagination in the utilization of technique/materials. This class may be taken more than once for credit.

Lab Fee \$40

PHOTO/GRAPHICS I

2.5 Credits Semester Unweighted

Prerequisite: Any 35mm or digital camera

An introduction to photography, graphic design, and digital imaging. Students will study film and digital cameras, camera technique, composition, critique, exhibition, and survey historical and contemporary photographers. Students will use Adobe Photoshop to scan, print, digitally retouch, enhance, and alter photographs, and create digital composites to express new ideas. Students will use Adobe Illustrator to design graphics and layouts, explore typography, and create digital illustrations. **Lab Fee: \$40**

PHOTO/GRAPHICS II

2.5 Credits Semester Unweighted Prerequisite: Photo/Graphics I

In this course the student will work with the black & white and color images. Project assignments, demonstrations, critiques and lectures will provide in depth experiences in the aesthetic, cultural and historic dimensions of the mediums. Many hours photographing outside of school time are required. **Lab Fee: \$35**

ADVANCED PHOTO/GRAPHICS

2.5 Credits Semester Unweighted Prerequisite: Photo/Graphics II

This is an advanced class in photography, digital imaging, and graphic design. Students will explore digital, 35mm, 120, and large format film photography; alternative chemical processes, historic and contemporary artists, as well as advanced scanning, Photoshop, and printing techniques. Students will develop a personal body of work from which they will design a professional portfolio of mounted and matted prints together with an online gallery. Students will submit their work for publication, compete in national contests, and exhibit their work at the Evening of the Arts, the yearbook, in the hallways, and in the community. This class may be taken more than once for credit. **Lab Fee: \$50**

YEARBOOK DESIGN

2.5 Credits Semester Unweighted

Prerequisite: Photo/Graphics I or recommendation of the department chair.

This is a course in commercial publication design. The high school yearbook, The Vineyarder, will be digitally designed and laid out during this course. Students will study digital page and book design using Adobe In Design; learn how to take, scan, and correct effective photographs using Adobe Photoshop; design graphics; proof read and edit copy; work with clients; and solicit and design advertising. **Note: This course can be retaken up to two additional times.**

ARCHITECTURE I

2.5 Credits Semester Unweighted Prerequisite: None

This course is an introduction to architectural drafting and basic design fundamentals for residential structures. Students will learn to draw plans, elevations, sections, construction details and build a model. Slide lectures in architectural history will be part of an on-going series.

ARCHITECTURE II

2.5 Credits Semester Unweighted Prerequisite: Architecture I

The major component of this course is the layout and design of a residential structure with an emphasis on efficient, economical design. The design will include floor plans, elevations stairway layout and kitchen cabinets. Additional design problems in site measurement, commercial design, rendering and model making will also be explored.

ADVANCED ARCHITECTURE

2.5 Credits Semester Unweighted Prerequisite: Architecture II

The field of architecture is broadened in this course to include problem solving projects in landscape, interior and entertainment design, as well as environmental architecture and city planning. Multi media presentations will focus on historic and contemporary designers of the future. This class may be taken more than once for credit.

DIGITAL DRAFTING

2.5 Credits Semester Unweighted Prerequisite: None

Learn how to draw and design with precision using professional CAD drafting software to solve both mechanical engineering and architectural design problems. Students will learn the basics of computer-assisted drafting techniques; precision measurement, orthographic and isometric drawing, dimensioning, layering, sectioning, plotting, presentation, and geometric problem-solving.

INTRODUCTION TO FASHION DESIGN

2.5 Credits Semester Unweighted Prerequisite: None

This course is for the student interested in learning about past and present apparel and accessory design. Students will explore historic costumes as well as current fashion styles. Beginning with design elements each student will gain an understanding of color theory, sewing, fabric, materials and trends in the industry. Over the course of the semester one will progress to designing hats, jewelry, purses and totes using fabric color, stones, metal and other materials to create beautiful but functional accessories. **Students will be responsible for major project fabric purchases. Lab Fee: \$30**

VISUAL ARTS PORTFOLIO

2.5 Credits Semester Unweighted

Prerequisite: Juniors and Seniors, any level II art class or recommendation of the department chair.

This is our most advanced course, designed for the student who is considering majoring or minoring in a visual arts field at the college level. Projects include life drawing and a number of 2D and 3D projects that bring out each student's unique style. Homework is required. Upon successful completion of the course, the student's portfolio should be competitive for admission to any of the nation's top visual arts and design schools. **Lab Fee: \$20**

INVENTION AND TECHNOLOGY

2.5 Credits Semester Unweighted Prerequisite: None

Explore new trends and novel applications of the rich world of technology, involving aspects of graphic and video arts, engineering, programming, and communication. We will explore a broad range of technology-related topics including: Aerial Photography (building and launching digital camera-equipped rockets and kites), Stop-Action Animation (creating

clamation-style animated movies), Font Design (using professional font-making software to design installable typefaces), International Videoconferencing (using video-calling software to talk with students internationally), 3-D Design (creating graphics for red/blue glasses and other methods), digital tablet sketching and cartooning, interactive fiction, wiki writing, microcontroller programming, and other fun, cutting-edge technology topics. This course will evolve as technology changes; students will help choose areas of investigation.

FRESHMAN SKILLS SEMINAR

2.5 Credits Semester Unweighted Prerequisite: None

Freshman Skills Seminar is a one-semester course in school and life skills necessary for success at MVRHS and beyond. This is a required course for all freshmen. The completion of this course will meet the graduation requirement for computers.

One quarter will focus on Financial Literacy, an integral part of being able to function in today's highly competitive environment. In order to be able to create and keep one's wealth, as well as providing for one's future needs, Financial Literacy is an area that needs to be emphasized in high school and is critical so our students can be prepared for life. Students will spend ten weeks (one quarter) engaged in learning the basic tools which will help them to manage their financial future. The topics and themes that will be covered during this quarter unit will include: Financial Planning, Budgeting, Saving/Investing, Credit, Insurance, and Career Planning.

The other quarter will focus on "School Skills", including computer account management, time management, note taking, computers and networking skills, online research skills, documentation skills, communication, presentation and public speaking skills, and a wide assortment of technical and academic skills critical to achieving success at MVRHS. During this quarter, students will begin to develop a four-year portfolio which they will use to preserve exemplary schoolwork addressing the MVRHS Learning Expectations.

INTRODUCTION TO COMPUTERS & APPLICATIONS

2.5 Credits Semester Unweighted Prerequisite: None

"Intro" is a basic computer course that introduces, explores, and practices a wide variety tech tools to discover where the interests, sensibilities, and strengths students and technology exist. We learn word and number processing tools, dynamic presentation software, graphic digital image manipulation, video production, Web 2.0 web tools, as well as simple animation and basic computer program languages. The universal understanding is growing creative fluency and innovation through exploration and collaboration, finding tools that expand new problem solving strategies, thinking along new lines that help create new knowledge and skills for the 21st Century.

PROGRESSIVE COMPUTER APPLICATIONS I

2.5 Credits Semester Unweighted Prerequisite: None

This course allows students a more intensive computer science and multimedia focus on the use of progressive application areas of computing: Relational databases and understanding data analysis, the basics of web pages, beginning video production, digital multi media with Flash, and introduces basic computer languages -- all explored with fun audiovisual projects.

(Formerly "Advanced Computer Applications I")

PROGRESSIVE COMPUTER APPLICATIONS II

2.5 Credits Semester Unweighted

Prerequisite: Progressive Computer Applications I

This second semester course goes deeper into software programs to create web databases, advanced presentation techniques such as computer-based training and rapid prototyping, advanced Dream weaver web editing, 3D modeling programs, and also into computer languages and gaming systems to provide a basis for computer science understanding.
(Formerly "Advanced Computer Applications II")

WEB MULTIMEDIA DESIGN AND ARCHITECTURE

2.5 Credits Semester Unweighted Prerequisite: None

This course will prepare students for the new world of Internet-based information technology. Students will become proficient with digital imaging tools for creating web ready images and animation (Photoshop!), interactive multimedia, graphical layout and architectural aspects of web pages. Multiple digital systems will be explored as students create an online portfolio of work - including mobile device application prototyping.

PROGRAMMING I

2.5 Credits Semester Unweighted Prerequisite: None

Basic computer programming language is explored in a semester. Design and logic of a program design are explored as coding skills are built and practiced through simple game construction. The essential understanding is to create the basic techniques of thinking through a concept from a blank sheet to a finished executable product. By semester's end, students will have a basis for further study in Java or any other programming language at MV, college level, or career.

PROGRAMMING II

2.5 Credits Semester Unweighted Prerequisite: Programming I

This class will take on an advanced independent study like atmosphere as students choose what languages to explore and dig deeper into programming skills. Python, Ruby, Objective C (iPhone aps), Java (Droid aps) are all in play to discover what students prefer to cast in their future.

DIGITAL ANIMATION TECHNIQUES

2.5 Credits Semester Unweighted Prerequisite: None

Animation is an entertainment form that is fun, yet complex to create. We will practice several animation software, make amusing, serious, or instructional cartoon with created characters, adopted actors, sound, music - the sky is the limit! Software used includes Scratch, Alice, Photoshop, and Flash. Humor and entertaining ideas are encouraged!

GAME DESIGN AND DEVELOPMENT

2.5 Credits Semester Unweighted Prerequisite: None

We explore basic computer game design with various software to create all kinds of games, from simple run and catch to first person shooters to multiple player, multi level fantasy scenarios. We'll use Scratch, Alice, Greenfoot, Flash and finally Gamemaker environments. Students learn how to create and move characters, plan plotlines and interactive scenes, write

basic computer codes to determine a win or loss in a game, and additional features such as backgrounds and rooms. Humor and creativity are welcome for this important entertainment and social community form.

DIGITAL VIDEO PRODUCTION

2.5 Credits Semester Unweighted Prerequisite: None

Video plotlines, concepts, and scriptwriting are developed with subject areas such as journalism, talk, commercials, comedy, and editorial. videography, lighting techniques, audio and video editing production, studio production, as well as on-camera and off-camera tasks are presented and practiced.

INDEPENDENT STUDY

2.5 Credits Semester Unweighted

Prerequisite: Juniors and Seniors and recommendation of the department chair.

After completing the most advanced level in any discipline a student can elect to design a self-directed program with the consent of an individual instructor.

STUDENT TEACHING ASSISTANT

2.5 Credits Semester Unweighted

Prerequisite: Juniors and Seniors and recommendation of the department chair.

In addition, the student will assist the instructor in a wide variety of art related areas including displays, materials preparation, assisting other students and other special departmental projects.

This course is not counted for eligibility or honor roll.

Computer Science and Multi Media

(See Art, Design & Technology Department on page 13)

BUSINESS AND TECHNOLOGY

It is hoped that when choosing electives, you will give serious consideration to the courses offered in the Business Department. No matter where your career path may lead, business courses will help you to gain practical, real world skills.

ACCOUNTING & QUICKBOOKS

5 Credits Full Year Unweighted Prerequisite: None

Accounting is the language of business. It is the planning, recording, analyzing, and interpreting of financial information. The course is designed to cover the complete accounting cycle for a sole proprietorship and to incorporate the most widely used program in the accounting industry, QuickBooks. Students will apply accounting concepts using both manual and automated systems. Real life simulations will be used to give students on the job training and hands-on experience doing the bookkeeping of a business.

DOCUMENT PROCESSING/KEYBOARDING

2.5 Credits Semester Unweighted

Prerequisite: Preference will be given to Seniors.

This is a very practical hands-on course. It is devoted to learning the alpha/numeric keyboard, word processing functions and personal-use applications. Speed and accuracy are stressed as the student masters the keyboard. Document formatting, language arts skills are continually reinforced.

INTRODUCTION TO BUSINESS

2.5 Credits Semester Unweighted Prerequisite: None

This course is designed to provide insight into the characteristics, organization, and operations of business. Introduction of contemporary issues as well as routine business factors, including the environment of business, business ownership, finance, production, marketing, governmental regulations, and taxation. Emphasis is placed on entrepreneurship and management decision making. **May be taken for 3 college credits in junior or senior year under tech prep.**

ENTREPRENEURSHIP AND NEW VENTURES

2.5 Credits Semester Unweighted

Prerequisite: Grades 10-12 or recommendation of the department chair.

This course concentrates on starting and growing new businesses. Entrepreneurship focuses on recognizing a business opportunity, starting a business based on the recognized opportunity, and operating and maintaining that business. Many interesting case studies (Nantucket Nectars, Ben & Jerry's, Southwest Airlines, are examples) will be used for discussion and debate. Island entrepreneurs will be featured as guest speakers. Student teams will write, articulate, and present a business plan for their own new ventures.

FASHION MARKETING

2.5 Credits Semester Unweighted

Prerequisite: Juniors and Seniors or recommendation of the department chair.

This course covers the concepts and functions of basic marketing using the fashion industry as

the learning vehicle. We will pursue the interaction between fashion design and marketing. Students begin to learn the development, promotion, advertising and retailing skills needed to enter the real world and become successful. Emphasis will be placed on occupational applications as well as some collaboration with Art Department by way of its Fashion Design offering. Field trips and guest speakers will round out the offerings.

HOSPITALITY/TOURISM

2.5 Credits Semester Unweighted

Prerequisite: Grades 10-12 or recommendation of the department chair.

Hospitality is a course relating to the operation of hotels, restaurants, and lodging establishments. Areas covered include the history of hospitality and the lodging industry; ownership and management; front office operation; guest services; housekeeping; engineering and security; food and beverage operation; marketing and sales, and the back office. Emphasis is placed on vocational and career opportunities, coupled with field trips and guest speakers.

MARKETING

2.5 Credits Semester Unweighted

Prerequisite: Juniors and Seniors or recommendation of the department chair.

This course is for students who have a desire to enter careers in marketing, merchandising, or management. Included is instruction on advertising, human relations, product and service technology, operation and management skills, and promotion. Strong emphasis is placed on marketing yourself: teaching students how to apply personal and business marketing skills in preparation for college and/or entering the workforce.

THE STOCK MARKET

2.5 Credits Semester Unweighted

Prerequisite: Juniors and Seniors or recommendation of the department chair.

Utilizing actual Stock Market Game (SMG) simulation, this class will explore the basic investment techniques used on Wall Street. Students also learn the basics of how the stock market operates and are introduced to its history and evolution. With \$100,000 of simulated capital students will invest in stocks, mutual funds over the course and will learn sophisticated investment strategies. We will compete against other students across the region that also uses SMG. We will utilize mathematical formulas to calculate capital gains or losses, earning per share, price/earning ratios, dividend yield, etc. The financial terms introduced enrich students' vocabularies throughout the simulation and give them practical real life type experiences.

PERSONAL FINANCE

2.5 Credits Semester Unweighted

Prerequisite: Preference will be given to Juniors and Seniors.

This is a practical course designed to prepare students for their future. The High School Financial Planning Program (HSFPP) will be utilized to educate students about sound money management skills and the financial planning process. Students will learn to maintain a checking account; prepare and follow a budget; use credit wisely; understand insurance and risk management; plan major purchases and prepare tax returns. Additional topics and activities will be added to develop the skills necessary to function as knowledgeable consumers.

SPORTS MANAGEMENT I

2.5 Credits Semester Unweighted

Prerequisite: Juniors and Seniors or recommendation of the department chair.

This course is designed to illustrate the use of management, marketing and strategy principles/concepts and their implementation in a real world situation – the business of Professional Sports. Professional Sports is chosen as the context of this course because it offers a subject matter that is familiar to a large population of students and the huge amount of money generated and spent leaves little doubt that sports is truly “Big Business.” Additionally, Professional Sports offer a microcosm of the issues, trials and tribulations of the society in which we live. This course will feature many interesting case studies and a final project where teams research and analyze a Professional Sport of their choice and present their findings in a boardroom setting.

SPORTS MANAGEMENT II

2.5 Credits Semester Unweighted Prerequisite: Sports Management I

Students will expand upon their knowledge of the business of professional sports. Management strategies, understanding groups and teams, operations, and leadership characteristics will be the focal points of this course. Several college-level case studies will be examined. This course will also feature Virtual Business Sports, where students build and manage a new stadium. Popular online simulations will also be used for the class to compete as virtual GM’s.

FRESHMAN SKILLS SEMINAR

2.5 Credits Semester Unweighted Prerequisite: None

Freshman Skills Seminar is a one-semester course in school and life skills necessary for success at MVRHS and beyond. This is a required course for all freshmen. The completion of this course will meet the graduation requirement for computers.

One quarter will focus on Financial Literacy, an integral part of being able to function in today’s highly competitive environment. In order to be able to create and keep one’s wealth, as well as providing for one’s future needs, Financial Literacy is an area that needs to be emphasized in high school and is critical so our students can be prepared for life. Students will spend ten weeks (one quarter) engaged in learning the basic tools which will help them to manage their financial future. The topics and themes that will be covered during this quarter unit will include: Financial Planning, Budgeting, Saving/Investing, Credit, Insurance, and Career Planning.

The other quarter will focus on "School Skills", including computer account management, time management, note taking, computers and networking skills, online research skills, documentation skills, communication, presentation and public speaking skills, and a wide assortment of technical and academic skills critical to achieving success at MVRHS. During this quarter, students will begin to develop a four-year portfolio which they will use to preserve exemplary schoolwork addressing the MVRHS Learning Expectations.

INTRODUCTION TO COMPUTERS & APPLICATIONS

2.5 Credits Semester Unweighted Prerequisite: None

"Intro" is a basic computer course that introduces, explores, and practices a wide variety tech tools to discover where the interests, sensibilities, and strengths students and technology exist. We learn word and number processing tools, dynamic presentation software, graphic digital image manipulation, video production, Web 2.0 web tools, as well as simple animation and basic computer program languages. The universal understanding is growing creative fluency and innovation through exploration and collaboration, finding tools that expand new problem solving strategies, thinking along new lines that help create new knowledge and skills for the 21st Century.

ENGLISH

ENGLISH 9

5 Credits Full Year Honors

Prerequisite: Advanced standing with teacher recommendation from the 8th grade. A summer reading and writing assignment must be completed before entering this course in the fall.

A course for students of advanced ability in composition, reading comprehensive and critical thinking. Students who enroll in the course should perform substantially above grade level on reading and writing assessments. The primary concerns of the course include literary analysis, oral communication, poetry, drama, research, vocabulary development, and creative writing. Assignments include considerable reading, writing, and research to be done by the student outside of class time.

ENGLISH 9

5 Credits Full Year College I Prerequisite: None

A course for students planning on attending college. Students should be able to read and write at or above grade level. The course reviews basic grammar, the writing process and forms of writing, and learning skills. Units based on in-class and out-of-class novel and short story reading are assigned with emphasis on vocabulary development, comprehension, and literary analysis. Oral and written activities follow units on the major literary genres. Creative writing, oral presentations and research projects are assigned each quarter. Students enrolling in this section should have successfully demonstrated the ability to manage complex assignments outside of class time.

ENGLISH 9

5 Credits Full Year College II Prerequisite: None

A course for the student who needs improvement in the areas of writing mechanics, vocabulary, writing forms, reading comprehension, and learning skills. Units in each of these areas stress basic competency, and activities are designed to assist the student in developing a positive attitude toward language skills. Additional areas covered are oral presentation, creative writing, and writing the research paper. As individual needs are identified, students will add supports in the Reading and Writing lab.

ENGLISH 10

5 Credits Full Year Honors

Prerequisite: A grade of 80% or above in Honors English 9 or recommendation of the department chair. A summer reading and writing assignment must be completed before entering this course in the fall.

The sophomore honors course continues the student's intellectual and verbal development begun in grade 9. It prepares students for the rigorous language and literature requirements offered in the 11th and 12th grade AP or Honors sequence. This course is only appropriate for the student interested in assuming major responsibility for his/her own learning. The student is expected to assume a dominant role in class work including writing, discussions, and formal speech presentations. Although the curriculum coincides with that of the other 10th grade classes, the expectations and standards will be challenging. Students with a strong reading

background and well-developed thinking and writing skills should take this course.

ENGLISH 10

5 Credits Full Year College I Prerequisite: English 9

This college I course is offered to the student who has demonstrated more than average ability in reading, writing, and speaking activities. The format involves an integrated approach to reading, writing, speaking, and listening skills. The student should expect challenging standards, rigorous homework, and frequent composition assignments. The course will emphasize a survey of modern literature and will be organized thematically. Vocabulary development, speech, and current events are also integral elements of this course as they pertain to the literature studied.

ENGLISH 10

5 Credits Full Year College II Prerequisite: English 9

This course is offered to the student who has demonstrated average abilities in reading, writing, and speech. The format involves an integrated program of reading, writing, speaking, and listening activities. The students should expect frequent homework assignments and class work designed to improve their Basic English skills. Literature will be organized around central themes and current events will be integrated as they pertain to the literature studied. Informal speech work will also be integrated on an ongoing basis.

AP ENGLISH 11

5 Credits Full Year Advanced Placement

Prerequisite: A grade of 85% or above in Honors English 10 or recommendation of the department chair. Students are required to take the Advanced Placement exam in May. Payment for the exam is due to the principal at the end of the first quarter. A summer reading and writing assignment must be completed before entering this course in the fall.

This is primarily a course in effective writing and critical reading and will prepare the student to take the AP Exam in Language and Composition. Students will learn methods of rhetorical analysis and civic discourse. In addition, they will learn how to convey information accurately, without distortion or ambiguity and, where appropriate, how to use diction, figures of speech, and syntax to make their writing serve its purpose, mode, and audience. Critical reading will involve students learning to discern and describe in an appropriate vocabulary how the arrangement of language shapes meaning. Students will examine the major devices that control tone and structure, and learn how they serve rhetorical purposes.

ENGLISH 11

5 Credits Full Year Honors

Prerequisite: A grade of 80% or above in Honors English 10 or recommendation of the department chair. A summer reading and writing assignment must be completed before entering this course in the fall.

The Junior Honors English course is for students seeking a challenging study of American literature and its principal authors, themes, and movements. The emphasis of this course will be on developing critical and creative reading and writing skills. Students interested in this course should expect a rigorous study of American literature and a demanding writing experience. A unit on SAT test-taking skills is also included in this course.

ENGLISH 11

5 Credits Full Year College I Prerequisite: English 9 & 10

This course is a chronological survey of American Literature with units on the Native Americans, the Puritans, the Age of Reason, the Romantic Era, Realism, the Harlem Renaissance, and the 20th Century. Readings include selections from such as authors as Hawthorne, Melville, Whitman, Dickinson, Twain, Stephen Crane, F. Scott Fitzgerald, Zora Neale Hurston, Arthur Miller, and Kurt Vonnegut. Student writing assignments include reflective writing, literary analysis, interviews, persuasive writing, and creative writing. A unit on SAT test taking skills is also included in this course.

ENGLISH 11

5 Credits Full Year College II Prerequisite: English 9 & 10

This course is also a survey of American Literature, including the same units as the College I level course and many of the same authors will be studied. However, the selections will be shorter and more accessible to the average reader. The writing assignments are also similar although not as lengthy, and there will be more emphasis on sentence structure and the basics of grammar and ongoing vocabulary development.

AP ENGLISH 12

5 Credits Full Year Advanced Placement

Prerequisite: A grade of 80% or above in AP English 11 or 85% or above in Honors English 11 or recommendation of the department chair. Students are required to take the Advanced Placement exam in May. Payment for the exam is due to the principal at the end of the first quarter. A summer reading and writing assignment must be completed before entering this course in the fall.

The AP English course in literature and composition engages students in the careful reading and critical analysis of imaginative literature. Through close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students examine a work's structure, style, and themes, as well as the use of figurative language, imagery, symbolism, and tone.

ENGLISH 12

5 Credits Full Year Honors

Prerequisite: A grade of 80% or above in Honors English 11 or recommendation of the department chair. A summer reading and writing assignment must be completed before entering this course in the fall.

The Senior Honors English course is for students seeking a challenging study of literature that revolves around a variety of themes. The content includes both British and World Literature and the emphasis of the course is on developing critical reading and writing skills. Students interested in this level course should expect to be engaged in a rigorous study of literature and demanding writing experience. In addition, student writing must reflect a mastery of the conventions of Standard Written English in the areas of spelling, grammar, usage, and punctuation.

ENGLISH 12

5/2.5 Credits Full/Sem College I Prerequisite: English 11

This is a survey course in both British and World Literature. Students will study literature from a variety of cultures and time periods such as the Middle Ages, Renaissance, Enlightenment,

Romantic and Victorian Ages. Critical reading and writing skills are developed in the context of the works studies. In addition, students will learn strategies for vocabulary development, and methods for writing the college essay.

ENGLISH 12

5/2.5 Credits Full/Sem College II Prerequisite: English 11

This course addresses a cross section of modern fiction and non-fiction while continuing to integrate reading and writing skills. Stress is placed on further developing the student's ability to write clear expository prose. The second semester will focus on a historical survey of British literature from Beowulf through contemporary authors. Within the context of this overview, students continue to develop writing skills through frequent writing assignments, including the college essay.

CREATIVE WRITING SEMINAR

2.5 Credits Semester College I Prerequisite: None

Are you working on a novel? A book of poems? Song lyrics? A play? Would you like to learn more about the craft of creative writing so that your words will make others laugh and cry and sing and more? Then this seminar in creative writing is for you. While readings will be assigned, copies of student work will form the basis for most class discussions. At the end of each semester we will sponsor a coffeehouse public reading of student work. This public exhibition of student writing, plus a self-selected portfolio of student work, will serve as the midterm / final exam. This course may fulfill one or two semesters of the English 12 core requirement for seniors only. For more information please see Mr. Sharkovitz's website.

INTRODUCTION TO FILM

2.5 Credits Semester College I Prerequisite: English 9 & 10

Students who take this course will gain a cultural, historic, and critical appreciation for the art of filmmaking. Students will develop critical thinking skills as applied to the analysis, interpretation, and assessment of films and demonstrate sophisticated analytical skills through written and oral communication. Weekly in-class film screenings will be followed by discussion. This course may fulfill one semester of the English 12 core requirement for seniors only.

WRITING FOR COLLEGE

2.5 Credits Semester College I Prerequisite: English 9, 10, 11

This course will focus on the development of language skills necessary to succeed in college, the workplace, and to participate in civic communities. The course is designed to enhance the student's understanding of written communication and give practice in producing clear, well-reasoned arguments. Students will learn to plan, develop, and revise writing into essays that are organized, unified, and coherent. This course may fulfill one semester of the English 12 core requirement for seniors only.

INTRODUCTION TO PHILOSOPHY

2.5 Credits Semester College I Prerequisite: Preference given to Seniors

What are dreams? How do we know what we think we know about the world? How can our ideas about death influence the way we live? By what principles ought we to live our lives? Conducted as a close reading seminar, this course explores different ways of envisioning and

valuing life as expressed in the works of seminal philosophers and religious thinkers and the traditions they founded. Select topics include dream theory, Socrates and the Sophists, the Hellenistic Schools: Epicureanism, Cynicism, and Stoicism, the Existential world view, and a look at that most philosophical of religions, Zen Buddhism. The purpose of this course is to get students thinking outside the box of received meanings and experiencing the world (and their lives in it) as a diverse and endless human invention. This course may fulfill one semester of the English 12 core requirement for seniors only.

JOURNALISM

2.5 Credits Semester College 1 Prerequisite: None

Do you have something important to say in your writing? Want a weekly audience of more than 15,000 readers? Then this journalism course is for you. In this course you will learn to write news stories, features, editorials, reviews, and more. In addition, students will study interview strategies, page design, editing, student press law, ethics, and photojournalism. Students will be encouraged to publish their work in our school newspaper and, possibly, in other local and regional newspapers. Finally, students will have the opportunity to use our school's professional level journalism office with all of its equipment, computers, and specialized software. Some journalism mentorship's with local newspapers might be available for interested students. This course may fulfill one or two semesters of the English 12 core requirement for seniors only.

MCAS ENGLISH

2.5 Credits Semester Unweighted

This course is designed for students who score in the needs improvement category or below on the MCAS exam given in 8th grade. It will help students develop the skills necessary to become effective readers and writers. The focus is two pronged; reading comprehension strategies and writing strategies to ensure that students learn how to actively organize what they read, to relate new information to what they already know in a systematic fashion, and to develop the necessary critical thinking skills to understand and respond to content information at higher levels of complexity. It is required of freshmen who are below grade level in reading and writing ability and is recommended for any sophomore who has not successfully mastered the skills necessary to become proficient on the MCAS exam.

EPP ENGLISH (Grades 11 and 12)

2.5 Credits Semester Unweighted

EPP English is a semester long course designed to increase a student's proficiency in English language skills as dictated by his/her performance on the 10th Grade ELA MCAS. The student receives a diagnostic test at the start of the class. The results of this test, in addition to the student's item analysis results on the MCAS 10 ELA, are used to develop an individualized improvement plan. The student's work in the course is built around helping the students achieve the goals of his/her improvement plan. Teaching techniques used include, but are not limited to, web-based computer programs (Study Island), group work, individual instruction, and traditional teacher-centered instruction.

Students are assessed throughout the semester in order for adjustments to be made to the student's individualized program.

READING AND WRITING LAB

2.5 Credits Semester Unweighted Co-Requisite: English 9, 10, 11, 12

This course is designed to help students master the building blocks critical to effective reading and writing. The focus is on comprehension strategies to ensure that they learn how to actively organize what they read, to relate new information to what they know in a systematic fashion, and to develop the necessary critical thinking skills to understand content information at higher levels of complexity. It is required of freshmen who are below grade level in reading and writing ability and is recommended for any student who has not successfully completed the ELA/MCAS.

LIFE SKILLS ENGLISH

5 Credits Full Year Unweighted

Prerequisite: Recommendation of Special Education Team and parental approval as indicated in the Individual Educational Plan.

This class focuses on language skills necessary to function in the world of work, community and family. It provides individualized instruction in developing and applying basic language skills for use in practical life and pre-vocational situations.

BASIC ENGLISH I/II

5 Credits Full Year Unweighted

Prerequisite: Recommendation of Special Education Team and parental approval as indicated in the Individual Educational Plan.

Fulfills English requirement, continues to focus on basic language skills, if the student's goals have not yet been reached, and MCAS preparation. The student's challenges in language are addressed, including the areas of writing, reading, vocabulary, spelling, and speaking. Basic competency is stressed and activities are designed to develop independence in communication skills.

BASIC ENGLISH III/IV

5 Credits Full Year Unweighted

Prerequisite: Recommendation of Special Education Team and parental approval as indicated in the Individual Educational Plan.

Fulfills English requirement and continues to focus on basic language skills, if the student's goals have not yet been reached. Activities are designed to develop independence in communication skills in the areas of writing, reading, and vocabulary, spelling and speaking. Students will learn methods for writing resumes and college essays, as well as filling out a job application and writing a cover letter.

***Students may be recommended by the IEP team for mainstream English, at the completion of any of the Language Skills courses.**

ENGLISH LANGUAGE SUPPORT

2.5 Credits Semester Unweighted Prerequisite: None

Students who require assistance in acquiring English language proficiency are assigned to the English Language Support Center. This program which is under the Reading-Writing Center provides support in language mechanics, writing and reading; the basic grammar of the writing process; and oral and written communication. The center also assists those students with mainstream cultural immersion. The goal of the program is to enable the students to learn English rapidly through the English language immersion process in the school's "Mainstream"

program. Students are initially assigned to the center and to a variety of courses on an audit basis for the first year. As soon as possible, the student is expected to sustain the full course load on a credit basis. This method has been very successful over the years. The center also cooperates with the administration, the guidance department, and the Island Literacy Program in seeking to inform the parents of these students about the opportunities of American schools, the need for parental support in educating their children, and post high school planning.

This course is not counted for eligibility or honor roll.

ENGLISH AS A SECOND LANGUAGE I

5 Credits Full Year College II Prerequisite: None

This course is designed for the newly arrived student with little or no English language skills. The first year of instruction consists of spoken, speaking, writing, and reading English. This is not a bilingual program. English is spoken exclusively. Through ESL I, students learn to listen better, speak, read, and write English. Through the tutorials, students receive some support for their mainstream classes. The primary focus of this course is to expose the students to the English language and integrate the students into the high school and the community.

ENGLISH AS A SECOND LANGUAGE 2

5 Credits Full Year College II Prerequisite: ESL I

This course is designed for the high beginners to low intermediate students whose first language is not English. Students will be placed into a classroom that parallels ESL I. Students will expand their facility with English through reading, writing, listening, and speaking. Upon successful completion of this course, students should be ready for sheltered classes.

ENGLISH AS A SECOND LANGUAGE 3

5 Credits Full Year College II Prerequisite: ESL 2

This course is designed for the intermediate to high intermediate students whose first language is not English. Students will be placed into a classroom that parallels ESL 2. After completing this course, students will be taking Sheltered English or mainstreamed English classes.

ENGLISH AS A SECOND LANGUAGE 4

5 Credits Semester College II Prerequisite: ESL 3

This course is specifically designed for the transitioning students who have attained some proficiency in English but have not yet developed the skills appropriate for a mainstream English class. The focus is on reading skills and strategies, speaking, listening and academic writing. Sheltered English offers ESL students a bridge from their first ESL English classes to mainstream English.

ESL READING AND WRITING LAB

2.5 Credits Semester Unweighted Prerequisite: None

This course is for all levels of ESL students. The course integrates English language learning and content material in a language rich environment to help ESL students meet MCAS objectives and promote students' English language development.

HEALTH & PHYSICAL EDUCATION

Skills and Wellness for a Lifetime is the theme for our physical education program. Students will be taught a variety of lifetime sports as well as a variety of health and fitness related concepts. The MVRHS mission is woven throughout our curriculum. We teach sportsmanship and ethical behavior, how to function as a member of a team, and most importantly, how to lead healthy lives in mind and body. The freshmen program is designed for teaching the fundamentals of all the activities; skill and health related components of fitness (strength, flexibility, power, agility, cardiovascular) through the in depth warm-up in each class, as well as the conceptual knowledge of rules, safety, sportsmanship and self-evaluation. Written tests are a part of our curriculum as well. In the 10-12 curriculums, students choose between a team sport, individual or dual sport, or the personal fitness/recreational activity which are offered during the week. Independent study in Physical Education is only available for students who are seniors and are in alternative scheduling situations. In addition, electives in Physical Education are available for PE credit in some cases.

FRESHMEN AND SOPHOMORE PHYSICAL EDUCATION

2.5 Credits Semester Unweighted Prerequisite: None

Activities offered include health and skill related fitness concepts taught in warm-up: team sports such as softball, ultimate frisbee, soccer, flag football, volleyball, mat ball, floor hockey; individual /dual sports such as swimming, golf, tennis, badminton, speed minton, pickle ball, and lifetime activities in the fitness room and outdoors areas such as frisbee, golf, fitness walking, and ice skating. Freshmen will also get a 6 class unit in human sexuality.

JUNIOR AND SENIOR PHYSICAL EDUCATION

2.5 Credits Semester Unweighted Prerequisite: Freshmen/Sophomore PE

Health and Fitness related concepts are taught daily via the 25 minute warm-up activities. The following team sports/dual sports/ wellness activities and fitness activities are offered: swimming, fitness walking; tennis; golf; archery; softball; flag football; ultimate sports; volleyball; floor hockey; indoor soccer; badminton; speed minton; pickle-ball; personal fitness; yoga; team handball; canoeing; cycling; weight training; ice skating. All juniors will take **CPR** and be taught how to use the **AED**.

HEALTH

2.5 Credits Semester Unweighted Prerequisite: Required of all Sophomores.

The course must be taken in a student's sophomore year. The curriculum will include units about the systems of the body, mental health, human sexuality, drugs, decision-making, nutrition, and diseases. The class will utilize community resources to augment learning. A variety of assignments will include weekly current events in health. Students will be required to demonstrate the ability to complete a research paper and oral presentation about a topic in health approved by the instructor. The ability to make healthy, smart, safe choices for life is the primary objective of this course.

PERSONAL TRAINING/STRENGTH AND CONDITIONING

2.5 Credits Semester Unweighted

Prerequisite: Juniors and Seniors; underclassmen with recommendation of the department chair. Students may take this course for PE credit.

A course designed for a student interested in fitness or who is interested in becoming a personal trainer, athletic trainer, physical therapist or strength and conditioning coach. Human anatomy and movement is explored as well as careers in fitness. Students will actively practice strength and conditioning during every class based on workouts designed by the instructor

SPORTS CONDITIONING AND TRAINING

2.5 Credits Semester Unweighted

Prerequisite: Juniors and Seniors; underclassmen with recommendation of the department chair. Students may take this course for PE credit.

This is a course designed for the athlete to train for their specific sport season. Concepts of pre-season and in-season training will be taught and practiced, as well as concepts of nutrition, injury prevention and rehab. There is an academic and classroom component of this class as well as physical activity.

ADAPTIVE PHYSICAL EDUCATION/PHYSICAL THERAPY/OCCUPATIONAL THERAPY

2.5 Credits Semester Unweighted

Prerequisite: Recommendation of the Special Education Team and parental approval as indicated in the Individual Educational Plan.

This course includes therapeutic and recreational activities designed to meet specific goals contained in Individual Educational Plans. Activities are developed in cooperation with adaptive physical education teachers, physical therapists and occupational therapists.

HISTORY AND SOCIAL STUDIES

The History and Social Studies Department's courses are heterogeneously grouped except for those electives classified as Advanced Placement or Honors. All History and Social Studies electives are open to Juniors and Seniors only. As of Grade 9 (class of 2012 and beyond), the social studies sequence is as follows:

U.S. History I
U.S. History II
Global History I
Global History II

AP U.S. HISTORY

5 Credits Full Year Advanced Placement Sophomores Only

Prerequisite: A grade of 90% or above in U.S. History 1 or recommendation of the department chair. Students are required to take the Advanced Placement exam in May. Payment for the exam is due to the principal at the end of the first quarter. A summer assignment must be completed before entering this course in the fall.

Advanced Placement U.S. History is a challenging course that is meant to be equivalent to a freshmen college course and can earn students college credit. It is a yearlong survey of American History from the age of exploration and discovery to the present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, and interpretation of original documents.

AP WORLD HISTORY

5 Credits Full Year Advanced Placement Juniors Only

Prerequisite: A grade of 90% or above in U.S. History II. A grade of 80% or above in AP U.S. History or recommendation of the department chair. Students are required to take the Advanced Placement exam in May. Payment for the exam is due to the principal at the end of the first quarter. A summer assignment must be completed before entering this course in the fall.

This course encompasses the entire span of human history, man's journey from the ocean to the earth to the sky, paying special attention to the concepts of continuity and change across time and space. Beginning with a review of the period 8,000 BCE to the fall of the Han and Roman Empires, this course examines the events that have led to increasing globalization, to the ebb and flow of power and to the resiliency of the human spirit. Because this is a college-level course, it relies strongly on the completion and comprehension of advanced reading and participation in class discussions. An emphasis will be placed upon historical writing demonstrating the skills of analysis and synthesis; to this end, particular attention is paid to primary and secondary documents.

AP MODERN EUROPE

5 Credits Full Year Advanced Placement Seniors Only

Prerequisite: A grade of 90% or above in Global History I. A grade of 80% or above in AP World History or recommendation of the department chair. Students are required to

take the Advanced Placement exam in May. Payment for the exam is due to the principal at the end of the first quarter. A summer assignment must be completed before entering this course in the fall.

European AP is a course covering the time frame from the fall of Rome until the present. The course covers 1,000 years of history and eleven countries: tales of intrigue, murder, religion, politics and greed. The goal of the course is to allow the students to familiarize themselves with concepts that will enable them to make connections primarily along the lines of economic, social and political means. Emphasis within the course is placed upon college level reading, evaluation of primary source material and the components of good historical writing. European history, commonly known as Western Civilization, is a requirement at most colleges and is considered the basis of US History.

U.S. HISTORY I (1800-1865)

5 Credits Full Year College A Prerequisite: Required of all Freshmen

This class will teach the fundamentals of US History and trace the development of US History and culture. Included are the American Revolution and the role of constitutional government, the War of 1812, the Monroe Doctrine, Manifest Destiny, Westward Expansion, the compromises between the states and the tensions between the industrializing north and the rural slave owning south which culminated in the Civil War. Attention will be paid to the development of African American culture, the impact of slavery in the United States, the dislocation of native culture, and the interaction between those cultures, the original colonists and the first waves of emigration from Europe.

U.S. HISTORY II

5 Credits Full Year College A Prerequisite: Required of all Sophomores

U.S. History II is a survey course with an emphasis on the multicultural fabric which makes up American society. Students are encouraged to understand and appreciate the value of diversity while gaining a strong sense of global history. Discussion of current events is an integral part of the course encouraging students to remain open to continued learning. The course begins with a brief review of the Civil War era, and continues through Reconstruction, 19th and 20th century America. Throughout the course, students will be involved in research assignments including the Vineyard History Project where students use a variety of skills to learn more about their island history. The course utilizes film and guest speakers from our community to give students a more complete understanding of U.S. History.

GLOBAL HISTORY I

5 Credits Full Year College A Prerequisite: Required of all Juniors

This course is a survey of global history from its origins in the fifth century B.C. in Asia, Africa and the Middle East until the 16th century rise of Western Europe and colonial domination. A thematic approach enables the student to sort through large amounts of factual material to find patterns of development while maintaining sensitivity to cultural and ethnic differences. The rise and decline of major civilizations, the transition from an agrarian to an urban economy and the nature of warfare constitute some of the issues to be elaborated in this class. Emphasis is placed on exploring the historical roots of contemporary conflicts.

GLOBAL HISTORY II

5 Credits Full Year College A Prerequisite: Required of all Seniors

Global History II is a required year long course focusing on the world from 1914 to the present. This class completes the two year program of global history required for graduation. Beginning with a study of WW1 and focusing on the impact of the Great Depression on Europe, the struggle for independence of European colonies throughout Africa, Asia, Ireland and the disintegration of the Ottoman and Austro Hungarian empires, the Nazi Holocaust during WW2, the creation of the state of Israel, the Israeli-Palestinian conflict, genocide in Rwanda, Bosnia and the Sudan and the role of the United Nations and the European Union in the modern world.

BRAZILIAN HISTORY & CULTURE

2.5 Credits Semester Unweighted Prerequisite: Juniors & Seniors

A semester class examining the history of Brazil and its ethnically diverse population that has been drawn from so many parts of the world and which has been impacted by the history of global trade, the Holocaust and WWII. The class will consider the colonization of Brazil by Portugal, the history of Brazil's African communities, the issues surrounding protection of the rain forest, art, music, sport and Brazil's place in the world today as a major global competitor.

SPORTS IN AMERICA

2.5 Credits Semester Unweighted Prerequisite: Juniors & Seniors

Sport, both participatory and spectator, has long been a theater for social and political issues that have defined this nation in the past half century. Either through individual choice or by government compulsion, athletes and athletic events has become political vehicles used to drive specific agendas, often catapulting the ordinary onto the pages of history. The issues of our times those of race, gender, social class and globalization and events such as the Cold War, Apartheid in South Africa, the Vietnam War and the Arab Israeli conflict have shaped, and continue to shape, the conscience and direction of this nation in the 21st century.

INTRODUCTION TO LAW

2.5 Credits Semester Unweighted Prerequisite: Juniors & Seniors

This course will introduce students to the study of law through an examination of the following topics: Law definitions, the Bill of Rights, Constitutional Law, Criminal Law and Civil Law. In the study of Common and Civil Law, there is much to consider and the course raises vital questions about fairness, security and individual rights in a free society. Involvement of community lawyers, court clerks and police officers in the classroom and visits to the court house and police stations are an integral part of the class. Through a discussion based environment, students learn from each other, interpret data and make use of community resources.

IRISH HISTORY AND CULTURE

2.5 Credits Semester Unweighted Prerequisite: Juniors & Seniors

This class covers the mythology and social/cultural patterns of the Irish people throughout their history, and includes an examination of Irish history from the time of Celtic dominance in Ireland through the Christian era, the colonization of Ireland, the Famine, the War of Independence and the peace process in Northern Ireland. The course includes exposure to cultural experience, major art, music or building projects and a research study into the Irish contribution to the history of Martha's Vineyard. There is an established teaching program in

the Island's grade schools, community businesses and Senior Centers. Each year, there is a trip to Ireland to explore the rich cultural heritage and history.

PSYCHOLOGY

2.5 Credits Semester Unweighted Prerequisite: Juniors & Seniors

This course will introduce students to the fundamentals of modern psychological thought. Students will understand the history of psychology in the 19th and 20th centuries. Changing views of psychology are examined in this course as are issues specifically related to understanding human behavior.

SOCIOLOGY

2.5 Credits Semester Unweighted Prerequisite: Juniors & Seniors

This course introduces students to the academic background of Sociology and encourages students to think critically on important contemporary issues such as minority cultures and race relations, ageism, sexism, marriage, education, poverty, class demographics within the ethos of an appreciation for diversity. The class will have a focus on crime and the legal system within our society. Students will utilize a variety of media, including film, magazines, newspapers and computer technology, to interpret data and present research projects. There is an active guest speaker program.

MYTHOLOGY; STORIES, SYMBOLS AND RITUALS

2.5 Credits Semester Unweighted Prerequisite: Juniors & Seniors

Have you ever wondered why good people can participate in evil acts? Why humans commit the same atrocities over and over? What can we learn about the Abu Ghraib scandal and the upsurge in terrorism from the adventures of Jason and the Argonauts or Hercules and his trip through the underworld? How is our society's obsession with athletes and musicians similar to the Trojan War or the Knights of the Round Table? In this course, we consider how myths give meaning to different events in the human world; how they are woven into politics, culture, and family life; and how we can interpret them. Students will be required to read literature related to myths from the ancient world and apply its meaning to modern events.

AN INTRODUCTION TO WOMENS' STUDIES

2.5 Credits Semester Unweighted Prerequisite: Juniors & Seniors

Part women's history, part feminist theory, and part current events, this class endeavors to study the status of women in society, past and present. The course begins with an overview of the role of women in history, paying particular attention to the origins of patriarchy and the changes and continuities in women's history over the millennia. We will also study some of the major names in classical feminist theory, such as Simone de Beauvoir and Betty Friedan, as well as current theorists, such as bell hooks and Naomi Wolf. We will conclude our study with an examination of current women's issues, particularly those that pertain to the young women in our community.

SHELTERED HISTORY

5 Credits Full Year College II Prerequisite: None

This class is designed to present English Language Learning students with an opportunity to learn Global History within an environment that places emphasis on visual learning, small group activities, film and support for emergent English speakers.

ENGLISH AS A SECOND LANGUAGE: CITIZENSHIP

5 Credits Full Year College II Prerequisite: None

This class is designed for English as Second Language students to provide an introduction to the United States of America with an emphasis on the cultural knowledge, attitudes, and skills needed for effective democratic citizenship. The primary focus of this course is to immerse and fully integrate the students into the high school and the American community. Some of the material covered will include the following: History, including important people, places and events; government, including federal, state and local levels; Democracy, including the electoral process and offices held; stories of opportunities here in the United States as well as traditions, customs and holidays. This class will also emphasize oral and written skills.

U.S. HISTORY SKILLS I

5 Credits Full Year Unweighted

Prerequisite: Recommendation of the Special Education Team and parental approval as indicated in the Individual Educational Plan.

US History Skills 1 is a survey course of American History until Reconstruction. The class is presented in a small group format with modifications to curriculum and materials to meet the learners specific IEP defined needs. This class will teach the fundamentals of US History and trace the development of US History and culture. Included are the American Revolution and the role of constitutional government, the War of 1812, the Monroe Doctrine, Manifest Destiny, Westward Expansion, the compromises between the states and the tensions between the industrializing north and the rural slave owning south which culminated in the Civil War. Attention will be paid to the development of African American culture, the impact of slavery in the United States, the dislocation of native culture, and the interaction between those cultures, the original colonists and the first waves of emigration from Europe.

U.S. HISTORY SKILLS II

5 Credits Full Year Unweighted

Prerequisite: Recommendation of the Special Education Team and parental approval as indicated in the Individual Educational Plan.

U.S. History II is a survey course of US History from Reconstruction until the Modern Age. The class is presented in a small group format with modifications to curriculum and materials to meet the learners specific IEP defined needs. The course has an emphasis on the multicultural fabric that makes up American society. The course begins with a brief review of the Civil War era, and continues through Reconstruction, 19th and 20th century America.

GLOBAL HISTORY SKILLS 1

5 Credits Full Year Unweighted

Prerequisite: Recommendation of the Special Education Team and parental approval as indicated in the Individual Educational Plan.

This course is a survey of global history from its origins in the fifth century B.C. in Asia, Africa and the Middle East until the 16th century rise of Western Europe and colonial domination. The class is presented in a small group format with modifications to curriculum and materials to meet the learners specific IEP defined needs. The rise and decline of major civilizations, the transition from an agrarian to an urban economy and the nature of warfare constitute some of the issues to be elaborated in this class. Emphasis is placed on exploring the historical roots of contemporary conflicts.

GLOBAL HISTORY SKILLS II

5 Credits Full Year Unweighted

Prerequisite: Recommendation of the Special Education Team and parental approval as indicated in the Individual Educational Plan.

Global History Skills II will help the student to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. The class is presented in a small group format with modifications to curriculum and materials to meet the learners specific IEP defined needs. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. Current events will be used to foster greater understanding of the world and its people.

MATHEMATICS

All students must complete a minimum of two years of mathematics. See specific graduation program requirements found in the beginning of this catalogue.

In general, Mathematics College I level courses are taught with a more rigorous, in depth theoretical approach. College II level courses have a more practical, hands on initiative emphasis.

***Note: A TI-83+ or TI-84+ Graphing calculator is required for all four years of Honors Math**

MATHEMATICS I

5 Credits Full Year Honors

Prerequisite: 8th grade Algebra 1 program and recommendation of the 8th grade instructor.

Honors Math 1 is an in-depth course exploring many aspects of Algebra I and Geometry using multiple representations (graphical, numerical, algebraic, and verbal) Topics covered during the first semester include: linear, quadratic, cubic, polynomial, rational, exponential, and radical functions. Topics covered in the second semester include: polygons, parallel and perpendicular lines, congruence, similarity, right triangles, circles, area, and volume. Problem solving will be emphasized throughout the course. This course progresses at a fast pace, covering the greatest breadth and depth of topics. Students are expected to have mastered the skills and thoroughly understood the concepts covered in this and prior courses. They are expected to have retained this past knowledge, which will generally not be reviewed in the course. Mathematical concepts are often introduced at an abstract and theoretical level. New ideas are often developed through student investigation. Students will be expected to apply their knowledge to open-ended and non-routine problems. Students will sometimes be expected to learn material by reading the textbook and/or solving problems on their own. Students are expected to be self-motivated, taking responsibility for their own learning and seeking help when needed. The course is designed to meet the needs of a student who thrives in a more independent learning environment.

ALGEBRA I

5 Credits Full Year Honors

Prerequisite: Recommendation of the 8th grade instructor.

This in-depth college preparatory course is the formal introduction to Algebra. This is a course for students of advanced ability in solving problems critically and analytically. Topics covered include: patterns, operations, functions, systems of equation and inequalities, exponents and exponential functions, polynomials and factoring, quadratics, rationals, radicals, coordinate geometry, probability and statistics and transformations. Assignments include considerable work to be done by the student outside of class time.

ALGEBRA I

5 Credits Full Year College I

Prerequisite: Recommendation of the 8th grade instructor.

This first year course is the formal introduction to Algebra. Topics covered include: patterns, operations, functions, systems of equations and inequalities, exponents and exponential functions, polynomials and factoring, quadratics, rationales, radicals, coordinate geometry, probability and statistics and transformations.

ALGEBRA I

5 Credits Full Year College II Prerequisite: None

This first year course is the formal introduction to Algebra. Topics covered include: patterns, operations, functions, systems of equations and inequalities, exponents and exponential functions, polynomials and factoring, quadratics, rationales, radicals, coordinate geometry, probability and statistics and transformations.

MATHEMATICS II

5 Credits Full Year Honors

Prerequisite: A grade of 80% or above in Honors Math I or recommendation of the department chair.

This course is a continuation of Honors Mathematics 1. Honors Math II is an in-depth course exploring many aspects of Algebra II, and Trigonometry. Problem solving will be emphasized throughout the course. This course progresses at a fast pace, covering the greatest breadth and depth of topics. Students are expected to have mastered the skills and thoroughly understood the concepts covered in this and prior courses. They are expected to have retained this past knowledge, which will generally not be reviewed in the course. Mathematical concepts are often introduced at an abstract and theoretical level. New ideas are often developed through student investigation. Students will be expected to apply their knowledge to open-ended and non-routine problems. Students will sometimes be expected to learn material by reading the textbook and/or solving problems on their own. Students are expected to be self-motivated, taking responsibility for their own learning and seeking help when needed. The course is designed to meet the needs of a student who thrives in a more independent learning environment. Some of the topics covered in this course include matrices, transformational geometry, rational expressions, functions, complex numbers, exponential and logarithmic functions, circular functions, and trigonometry.

GEOMETRY

5 Credits Full Year Honors

Prerequisite: A grade of 80% or above in Honors Algebra I or recommendation of the department chair.

Students will explore real life problems, and apply principles of geometry to critically and analytically find solutions. The tools of geometry including compass, protractor and computer programs such as Logo and Geometer's Sketchpad will be applied to develop concepts. Studying reasoning will help students learn to write with clarity and precision. There will be an emphasis on formal proofs. Topics covered include introduction to logic, parallel lines, polygons, congruence, perimeter, area, volume, similarity, circles, non Euclidean geometry, and trigonometry.

GEOMETRY

5 Credits Full Year (College I & II)

Prerequisite: A grade of 70% or above in Algebra 1 College I for Geometry College I or recommendation of the department chair.

This course may be selected as a College I or College II level course after consultation with the instructor. Students will explore real life problems, and apply principles of algebra and geometry to critically and analytically find solutions. The tools of geometry including compass, protractor and computer programs such as Logo and Geometer's Sketchpad will be applied to develop concepts. Studying reasoning will help students learn to write with clarity and precision. A comprehensive portfolio of tasks will be developed throughout the year. Topics covered include introduction to proof, logic, parallels, polygons, congruence, perimeter, area, volume, similarity, circles, trigonometry and applications.

ALGEBRA II

5 Credits Full Year Honors

Prerequisite: A grade of 80% or above in Honors Geometry or recommendation of the department chair.

The course entails a challenging and complete study of Algebra II. Topics include a second year study of a variety of functions including; linear functions and representation of data, modeling with linear, quadratic, polynomial, exponential, and logarithmic functions, rational, and radical functions. The students will also be exposed to matrices, complex numbers, and the binomial theorem. The course concludes with an extensive study of right triangle and circular function trigonometry.

ALGEBRA II

5 Credits Full Year College I

Prerequisite: A grade of 70% or above in Geometry to continue in College I level.

This course is a continuation of Geometry. Topics include a variety of functions, linear functions, and representation of data, modeling with quadratic equations, polynomial, exponential and logarithmic functions, conic and an extensive study of trigonometry are also included.

ALGEBRA II

5 Credits Full Year College II Prerequisite: Geometry

This course is a continuation of Geometry. Topics include a variety of functions, linear functions, and representation of data, modeling with quadratic equations, polynomial, exponential and logarithmic functions, conic and an extensive study of trigonometry are also included.

ADVANCED PLACEMENT (AB) CALCULUS

5 Credits Full Year Advanced Placement

Prerequisite: A grade of 85% or above in Pre-AP Calculus or recommendation of the department chair. Students are required to take the Advanced Placement exam in May. Payment for the exam is due to the principal at the end of the first quarter. A summer assignment must be completed before entering this course in the fall.

The course topics include limits and continuity as well as differentiation and integration of polynomial, exponential, logarithmic, and trigonometric functions. A passing grade on the AP exam will earn students a full semester of college credit, or advanced placement, or both.

ADVANCED PLACEMENT (BC) CALCULUS

5 Credits Full Year Advanced Placement

Prerequisite: A grade of 85% or above in Pre-AP Calculus or recommendation of the department chair. Students are required to take the Advanced Placement exam in May. Payment for the exam is due to the principal at the end of the first quarter. A summer assignment must be completed before entering this course in the fall.

The course topics include those covered in the AB curriculum with the addition of polar and parametric equations, vectors, infinite series, and variable separable differential equations. A passing grade on the AP (BC) exam will earn students a full semester of college credit, or advanced placement, or both.

ADVANCED PLACEMENT STATISTICS

5 Credits Full Year Advanced Placement

Prerequisite: A grade of 85% or above in Honors Math II, Pre-AP Calculus, Honors Algebra II or recommendation of the department chair. Students are required to take the Advanced Placement exam in May. Payment for the exam is due to the principal at the end of the first quarter. A summer assignment must be completed before entering this course in the fall.

This course will introduce students to the concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be exposed to four themes: exploratory analysis, planning and conducting a study, probability, and statistical inference. The use of technology, projects and laboratories, cooperative group problem solving and writing as part of concept oriented instruction and assessment will allow students to build interdisciplinary connections with other subjects and their world outside school. The student that succeeds in AP Statistics will have strong quantitative reasoning and writing skills. A passing grade on the AP exam can earn students a full semester of college credit, or advanced placement, or both.

PRE-AP CALCULUS

5 Credits Full Year Honors

Prerequisite: A grade of 80% or above in Honors Math II or recommendation of the department chair.

This course is for the student of above-average mathematical ability. Topics covered include polynomials, logarithmic, exponential, and circular functions; limits, continuity, and an introduction to the derivative, and should give the student a firm foundation for Calculus.

CALCULUS

5 Credits Full Year Honors

Prerequisite: A grade of 90% or above in Honors Algebra II, 80% or above in Honors Pre-Calculus or recommendation of the department chair.

This course is an application-oriented, investigative calculus course in which students are involved in both the development and solution of problem statements. Topics covered include a pre-calculus review, limits, the rules of differentiation and basic integration of functions including exponential, logarithmic and trigonometric, curve sketching, and L'Hôpital's Rule. Students use these concepts of calculus to solve problems in the context of real world applications using graphing calculators and computers when appropriate.

PRECALCULUS

5 Credits Full Year Honors

Prerequisite: A grade of 80% or above in Honors Algebra II or recommendation of the department chair.

In this course students will study functions as a model for change. The course emphasizes concepts and skills that prepare students for the study of Calculus. The topics covered are Linear Functions, Rates of Change, Quadratics, Exponential and Logarithmic Functions, Transformations, Trigonometric Functions, Operations on Functions, Polynomial and Rational Functions, Sequences and Series. The course will conclude with a basic introduction to calculus. Students will use technology and symbolic manipulation to solve abstract and real world problems, as well as learn to write mathematical solutions with clarity and precision.

PRECALCULUS

5 Credits Full Year College I

Prerequisite: A grade of 70% or above in Algebra II or recommendation of the department chair.

This course is for the students who solve problems critically and analytically. Topics covered include polynomials, logarithmic, exponential, trigonometric, and rational functions. Students will be taught to employ various forms of technology to interpret data and model problems in the context of real world applications. The study of vocabulary and procedures will aid students in recognizing the importance of reading and writing with clarity and precision in mathematics.

STATISTICS IN SOCIETY

2.5 Credits Semester College I

Prerequisite: A grade of 70% or above in Algebra II or recommendation of the department chair.

This course provides an application based approach to the study of math modeling as well as a bridge from high school mathematics to mathematical applications commonly encountered in college, business and vocational trades. Statistics topics of this course include data analysis, probability, simulations, inferential statistics, normal and binomial distributions, techniques of sampling, confidence intervals, and hypotheses testing. Using a hands-on approach and simulations, students gain a strong understanding of statistical concepts. Emphasis is placed on applications and the use of statistics to solve real life problems.

INTRODUCTION TO ROBOTICS

2.5 Credits Semester Unweighted Prerequisite: None

In this new course, students will learn the history of robotics. Students will learn the fundamentals of how robots work and will incorporate various concepts in science, technology, mathematics, and design through the building, programming, and testing of robots using RCX Robotics Equipment from M.I.T. Students will be responsible for keeping a journal throughout the course as a portfolio of their work.

ROBOTICS II

2.5 Credits Semester Unweighted

Prerequisite: A grade of 70% or above in Robotics I.

This course is a continuation of Robotics I with more advanced concepts and implementations being introduced.

PRACTICAL MATHEMATICS

2.5 Credits Semester College II Prerequisite: Algebra I

This course is an elective for juniors and seniors. The course will present essential skills and fundamental concepts required to succeed in today's technological society. Everyday measures, and life skill problem solving techniques will be studied and discussed. Topics will include: area, volume, percents, ratios, probability and statistics, taxes, investing, borrowing, buying and selling, and automotive and home ownership.

MCAS MATH

2.5 Credits Semester Unweighted Prerequisite: None

An elective course attended in conjunction with the regular math class. This course provides support to students who want additional MCAS instruction. Relevant topics from Algebra, Geometry, Probability, and Statistics will be covered. Students will be trained in test taking strategies as well with sample problems and tests being examined throughout the course.

EPP MATH

2.5 Credits Semester Unweighted Prerequisite: None

An elective course designed to assist students to reach proficiency on the MCAS exam. Topics will include all relevant topics from the five MCAS strands as well as addressing test taking strategies.

LIFE SKILLS MATH

5 Credits Full Year Unweighted

Prerequisite: Recommendation of the Special Education Team and parental approval as indicated in the Individual Educational Plan.

This course provides individualized instruction in developing and applying basic math skills for use in practical life and pre-vocational situations.

MATH SKILLS I

5 Credits Full Year Unweighted

Prerequisite: Recommendation of the Special Education Team and parental approval as indicated in the Individual Educational Plan.

This course provides instruction and reinforcement of basic skills in whole numbers, fractions, and decimal operations. This course addresses use of percentages, basic geometric formulas, and probability/statistic processes.

MATH SKILLS II

5 Credits Full Year Unweighted

Prerequisite: Recommendation of the Special Education Team and parental approval as indicated in the Individual Educational Plan.

This course provides instruction and reinforcement of basic skills, basic measurement, money handling, and practical application of mathematical problems in daily living. This course introduces Pre-Algebra skills with reinforcement in Geometry, Statistics and Basic Probability.

PERFORMING ARTS

ORCHESTRA

5 Credits Full Year Unweighted Prerequisite: None

Seating of the Orchestra is by recommendation of the elementary string teacher or by audition. The Orchestra will prepare and perform standard string orchestra and full orchestra repertoire. Additional opportunities include local, regional, and state audition and festival participation, school quartet, and small chamber group activities. **Attendance and proper concert dress are required at the department concerts which are held throughout the year.**

CONCERT BAND

5 Credits Full Year Unweighted

Prerequisite: Recommendation of the department.

Seating of the Concert Band is by recommendation of the elementary instrumental instructors or by individual audition. The Concert Band repertoire will include marches, symphonic compositions and orchestral transcriptions. One lesson per week is recommended. Additional opportunities include participation in local, regional, and state auditions and festivals. Due to high school level instrumentation requirements, students may be assigned to parts other than their major instrument. **Attendance and proper concert dress are required at the department concerts which are held throughout the year.**

JAZZ BAND I

2.5 Credits Semester Unweighted Prerequisite: None

Jazz Band I introduces and develops the basic tools needed to improvise in the jazz idiom. The jazz band will perform music in a wide range of styles and genres. In class, topics include: scales, modes, 12 bar blues, jazz patterns, and improvisation techniques. **Where applicable, jazz band members must participate in concert band. Attendance and proper concert dress are required at the department concerts which are held throughout the year.**

JAZZ BAND II

2.5 Credits Semester Unweighted Prerequisite: Jazz Band I

Jazz Band II continues the basic tools needed to improvise in the jazz idiom. The jazz band will perform music in a wide range of styles and genres. In class, topics include: scales, modes, 12 bar blues, jazz patterns, and improvisation techniques. **Where applicable, jazz band members must participate in concert band. Attendance and proper concert dress are required at the department concerts which are held throughout the year.**

GUITAR

2.5 Credits Semester Unweighted Prerequisite: None

This course is recommended for beginners. The material introduced in this course includes: basic major, minor and seventh chords; strumming in 4/4 and 3/4 time; music alphabet, half/whole steps and their positions on both piano and guitar. The student will become familiar with the names of strings, guitar anatomy, scales and scale theory; chords and chorale theory; musical symbols and several songs appropriate to the level of the students. Emphasis will be placed on playing every day.

PIANO

2.5 credits Semester Unweighted Prerequisite: None

This course is for students with little or no musical experience as well as for students who have some background in music and/or piano. For beginners, the class will involve group lessons at individual keyboards and will include the basics of music reading, exercises, and literature appropriate for the first year piano student. Students with more experience or who opt to take the class a second time may choose their own music to learn and will have the opportunity to practice and develop their skills. Assessment will be performance-based with a written component that will cover the elements of music theory learned throughout the class.

FRESHMEN CHORUS

5 Credits Full Year Unweighted Prerequisite: None

Freshmen Chorus is a year of training and transition for the beginning chorister and is strongly recommended for students who want to continue singing in grades 10-12 in mixed chorus. Through the use of appropriate exercises and choral literature, emphasis will be on developing a foundation of healthy vocal production technique, instilling musicianship through performance and the study of basic theory, and fostering a sense of community within the chorus through mutual respect and support. Additional opportunities include participation in local, regional, and state auditions and festivals. **Attendance and proper concert dress are required at the department concerts which are held throughout the year.**

MIXED CHORUS

5 Credits Full Year Unweighted Prerequisite: None

Mixed Chorus, an ensemble that performs a variety of choral repertoire, is open to all students, grades 10-12. Additional opportunities include participation in local, regional and state auditions and festivals. Freshmen chorus is highly recommended as a preliminary course.

Attendance and proper concert dress are required at the department concerts which are held throughout the year. Minnesingers must participate in Mixed Chorus.

VOCAL ENSEMBLE

2.5 Credits Semester Unweighted

Prerequisite: Current member of Minnesingers or department recommendation

This class concentrates on repertoire for Minnesingers, though not exclusively, and is designed to develop vocal techniques which are integral to the performance of high-level choral repertoire. It includes a music therapy component, providing the student with the opportunity to participate in basic music therapy activities both in the school and in the community. Visits to Windemere and Island senior centers to perform and present music therapy workshops will be regularly scheduled.

MUSIC THEORY I

2.5 Credits Semester Unweighted

Prerequisite: Recommendation of the department.

Music Theory I is designed for students with little or no previous musical background. The basic topics of rhythm, melody, scales, key signatures, ear-training, and harmony will be studied, as well as an introduction to form, composition, and rhythmic and melodic dictation. This course is especially recommended for students who wish to pursue vocal and instrumental performance during their high school career.

MUSIC THEORY II

2.5 Credits Semester Unweighted

Prerequisite: Music Theory I or recommendation of the department.

This course is a continuation of Music Theory I, with emphasis on advanced harmony, composition, arranging, listening skills, and individual projects.

AP MUSIC THEORY

5 Credits Full Year Advanced Placement

Prerequisite: Recommendation of the department. Students are required to take the Advanced Placement exam in May. Payment for the exam is due to the principal at the end of the first quarter. Offered based on student interest.

AP Music Theory is an accelerated honors course which integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and, to some extent, history and style. Musicianship skills such as dictation and other listening activities, sight-singing, and keyboard harmony are an important part of the course

SOUND TECHNOLOGY I (MIDI/DIGITAL AUDIO AND BEYOND)

2.5 Credits Semester Unweighted Prerequisite: None

Create your own music using a combination of Garage Band, a MIDI keyboard, and live sound recordings. Learn how to edit, arrange, and experiment with music. We will discuss basic music theory topics, as well as American music genres and trace the origins of the music you

listen to today back to its roots. We will listen to all types of music, analyze the lyrics, melody, and beat structures, and look at the social context of the music. Your final project will involve creating a CD of your best compositions to take home with you. If you choose to take the class a second time, you have the opportunity to create your own curriculum with direction from the instructor. Learn how to create dub step or to perfect your hip-hop beats. Delve deeper into live sound recording and editing. There will be opportunity for qualified students to work with the PAC sound board and learn hands-on about sound mixing live performances.

THEATRE WORKSHOP I

5/2.5 Credits Full/Sem Unweighted Prerequisite: None

This is a survey and practical course in the theatre arts. Areas of study include dramatic literature, history of the theatre, acting styles and techniques, directing, design and scenery, lighting, costumes, stagecraft, oral interpretation, TV, and film. Students are expected to keep a journal and present several projects including improvisation, a self-scripted piece, and monologues.

THEATRE WORKSHOP II

5/2.5 Credits Full/Sem Unweighted

Prerequisite: Theatre Workshop I or recommendation of the department.

Students will explore intermediate to advanced acting skills, including improvisation, dance and stage movement, vocal and dialect coaching, scene study and monologue work, advanced stage terminology, and writing/directing techniques. Students will create a piece for the Massachusetts High School Drama Guild Festival and participate in the competition second semester.

MUSICAL THEATRE PRODUCTION

5/2.5 Credits Full/Sem Unweighted Prerequisite: None

A class for everyone! From designing to performance, enter the world of theatre production with opportunities for set, lighting, sound, costume and makeup design. Students will participate as performers or technical staff to produce small-scale theatre performances on a professional level. Activities will include classes in acting and singing, audition tips, theatre games, scripting, and all aspects of technical theatre.

JUST ABOUT MUSIC

2.5 Credits Semester Unweighted Prerequisite: None

This class explores the music in our lives. Class activities will center on listening to, sharing, and discussing music, as well as exploring sound creation, musical instruments, and different styles of music. Sample units may include the study of movie and television soundtracks, music in entertainment, song lyrics, specific genres (e.g. jazz, blues), music in historical settings, world music, and music in advertising. Other units will be designed based on the individual interests of class members, and students will have the opportunity to develop their own activities/projects/units.

ADVANCED THEORY PORTFOLIO

2.5 Credits Semester Unweighted

Prerequisite: Juniors and Seniors, Theory I and II, or recommendation of the department. Offered based on student interest.

Theory Portfolio is an accelerated theory course designed for the student who is considering majoring or minoring in the fields of music performance or music education. Projects may include composition, integration of advanced theory concepts, arranging, jazz theory, and other areas of student interest.

SCIENCE

The general sequence in science is earth science, biology, chemistry, and physics. Section assignments will normally be based on mathematics skill levels.

Fundamental concepts in Physics will be developed through problem solving to give students a thorough understanding of force and motion, heat, wave, mechanics, light, sound, and electricity.

EARTH SCIENCE

5 Credits Full Year Honors

Prerequisite: Advanced standing with teacher recommendation from the 8th grade.

An in-depth college preparatory study of the physical nature of the earth including geology, the study of the origin, history, processes, and structure of the solid earth; oceanography, the study of the earth's oceans; meteorology, the study of atmospheric conditions and their relation to weather and climate; astronomy, the study of the sun, moon, planets, and universe beyond earth. These four disciplines will be introduced individually and then combined to show how they interact through the cycling of energy and matter between the atmosphere, hydrosphere, biosphere, and lithosphere.

EARTH SCIENCE

5 Credits Full Year College I Prerequisite: None

A college preparatory study of the physical nature of the earth including geology, the study of the origin, history, processes, and structure of the solid earth; oceanography, the study of the earth's oceans; meteorology, the study of atmospheric conditions and their relation to weather and climate, astronomy, the study of the sun, moon, planets, and universe beyond earth. These four disciplines will be introduced individually and then combined to show how they interact through the cycling of energy and matter between the atmosphere, hydrosphere, biosphere, and lithosphere.

EARTH SCIENCE

5 Credits Full Year College II Prerequisite: None

A college preparatory study of the physical nature of the earth including geology, the study of the origin, history, processes, and structure of the solid earth; oceanography, the study of the earth's oceans; meteorology, the study of atmospheric conditions and their relation to weather and climate; astronomy, the study of the sun, moon, planets, and universe beyond earth. These four disciplines will be introduced individually and then combined to show how they interact through the cycling of energy and matter between the atmosphere, hydrosphere, biosphere, and lithosphere.

AP BIOLOGY

5 Credits Full Year Advanced Placement

Prerequisite: A grade of 85% or above in Honors Biology or recommendation of the department chair. Students are required to take the Advanced Placement exam in May.

Payment for the exam is due to the principal at the end of the first quarter.

A summer assignment must be completed before entering this course in the fall.

The course covers Genetics, Molecular and Cell Biology, Evolution, Ecology and Biodiversity. It will address the common themes: Process of Science, Evolution, Energy Transfer, Continuity and Change, Structure/Function, Regulation, Interdependence in Living Things as well as Biotechnology. The course is lab-based and permits some flexibility to account for the pace of individual students. **This course is intended for third and fourth year students.**

BIOLOGY

5 Credits Full Year Honors

Prerequisite: A grade of 80% or above in Honors Earth Science or recommendation of the department chair. For incoming freshmen, this course must be taken concurrently with Honors Earth Science and Honors Math 1.

This in depth college preparatory course is a study of life on earth, concentrating on the themes of biology. The major concepts to be studied will concentrate on Cell Biology, Ecology, Evolution, Genetics and Heredity, and Science as a Process. Structure as it relates to function is examined in each of the kingdoms, and through anatomical and physiological studies. This course emphasizes the biological concepts addressed in the MCAS, as well as giving the student a firm background in laboratory studies.

BIOLOGY

5 Credits Full Year College I

Prerequisite: A grade of 70% or above in Earth Science College 1 or recommendation of the department chair.

This college preparatory course is a study of life on earth, concentrating on the themes of biology. The major concepts to be studied will concentrate on Cell Biology, Ecology, Evolution, Genetics and Heredity, and Science as a Process. Structure as it relates to function is examined in each of the kingdoms, and through anatomical and physiological studies. This course emphasizes the biological concepts addressed in the MCAS, through course work, laboratory exercises and hands on activities.

BIOLOGY

5 Credits Full Year College II Prerequisite: Earth Science

This college preparatory course is a study of life on earth, concentrating on the themes of biology. The major concepts to be studied will concentrate on Cell Biology, Ecology, Evolution, Genetics and Heredity, and Science as a Process. Structure as it relates to function is examined in each of the kingdoms, and through anatomical and physiological studies. This course emphasizes the biological concepts addressed in the MCAS, through course work, laboratory exercises and hands on activities.

EPP BIOLOGY

2.5 Credits Semester Unweighted

Prerequisite: The recommendation of a guidance counselor is required for enrollment in this course.

This is a semester course for students to do a focused study of the five biology areas covered by the Massachusetts Curriculum Frameworks. These areas include biochemistry and cell biology, genetics, anatomy and physiology, ecology, and evolution and biodiversity. Students will study these areas in preparation to take the Biology MCAS test at mid-year.

AP CHEMISTRY

5 Credits Full Year Advanced Placement

Prerequisite: A grade of 85% or above in Honors Chemistry or recommendation of the department chair. Students are required to take the Advance Placement exam in May. Payment for the exam is due to the principal at the end of the first quarter.

This honors course will prepare students to take an AP test. The topics covered will include an in-depth coverage of honors chemistry I, descriptive and organic chemistry, and laboratory work in preparation to take the AP test. The major areas covered in this course include stoichiometry, equilibrium, acid-base problems, thermodynamics, and chemical equations.

CHEMISTRY

5 Credits Full Year Honors

Prerequisite: Concurrent enrollment in Honors Algebra II, Honors Math II or recommendation of the department chair. This course requires the student to have and use a scientific calculator.

This in-depth college preparatory course is intended primarily for students who may be majoring in one of the sciences in college. Some major areas of study include: matter and energy; heat and temperature; nature of the atom; solids, liquids, and gases; gas laws; writing chemical formulas and chemical equations; physical equilibrium; and the periodic table, solutions, thermodynamics, chemical equilibrium, oxidation-reduction, and acid-based chemistry.

CHEMISTRY

5 Credits Full Year College I

Prerequisite: Concurrent enrollment in Algebra II College I. This course requires the student to have and use a scientific calculator.

This college preparatory course is intended primarily for students who want to take a third year of science. Some major areas of study include: matter and energy; heat and temperature; nature of the atom; solids, liquids, and gases; gas laws; writing chemical formulas and chemical equations; physical equilibrium; and the periodic table, solutions, thermodynamics, chemical equilibrium, oxidation-reduction, and acid-based chemistry.

CHEMISTRY

5 Credits Full Year College II

Prerequisite: Concurrent enrollment in Algebra II College II. This course requires the student to have and use a scientific calculator.

This college preparatory course is intended primarily for students who want to take a third year of science. Some major areas of study include: matter and energy; heat and temperature; nature of the atom; solids, liquids, and gases; gas laws; writing chemical formulas and chemical equations; physical equilibrium; and the periodic table, solutions, thermodynamics, chemical equilibrium, oxidation-reduction, and acid-based chemistry.

AP PHYSICS

5 Credits Full Year Advanced Placement

Prerequisite: A grade of 85% or above in Honors Physics. Concurrent enrollment in AP Calculus or recommendation of the department chair. Students are required to take the Advance Placement exam in May. Payment for the exam is due to the principal at the end of the first quarter.

A summer assignment must be completed before entering this course in the fall.

This course requires the student to have and use a scientific calculator.

Introduction to mechanics, kinematics, Newton's Laws, work, energy, and power, simple harmonic motion, linear and angular momentum, the law of gravity, and Kepler's laws. The course is calculus based. A student must be taking AP calculus concurrently.

PHYSICS

5 Credits Full Year Honors

Prerequisite: Honors Math II, Honors Algebra II or recommendation of the department chair. This course requires the student to have and use a scientific calculator.

Fundamental concepts in physics will be developed through problem solving to give students a thorough understanding of force and motion, heat, waves, mechanics, light, sound, and electricity. This course has a strong lab component and will make use of a number of engineering concepts including renewable energy technologies.

PHYSICS

5 Credits Full Year College I

Prerequisite: Algebra II or recommendation of the department chair.

This course requires the student to have and use a scientific calculator.

Fundamental concepts in physics will be developed through problem solving to give students a thorough understanding of force and motion, heat, waves, mechanics, light, sound, and electricity. This is an integrated course that will make use of a number of engineering concepts including renewable energy technologies.

ISLAND NATURAL HISTORY

2.5 Credits Semester Unweighted Prerequisite: None

Island Natural History is the study of the physical and biological processes of nature using Martha's Vineyard as our laboratory. We will examine the marine, aquatic, terrestrial, barrier beach, salt marsh, and salt pond ecosystems. We will identify the geology, plant and animal life; how they interact, helping us to better understand the small piece of earth called Martha's Vineyard. Field labs, research, and slides will be used as part of the curriculum. The laboratory portion of this course routinely requires students to walk through fields and wooded areas generally near the school. This distance may range from 1 up to 3 or 4 miles per lab session.

Offered based on student interest.

MARINE BIOLOGY

2.5 Credits Semester Unweighted Prerequisite: Biology

This is a semester course for students interested in the marine sciences. The course will include the study of marine primary producers, marine animals, zooplankton, the nekton, benthic communities, fisheries, and marine tetrapods.

Offered based on student interest.

FORENSIC SCIENCE

2.5 Credits Semester Unweighted Prerequisite: Juniors & Seniors

This course will concentrate on the physical and biological sciences used in forensic science. Using topics such as fiber, hair, blood spatters and blood typing, foot, tire and tool impressions, ballistics and DNA sequencing students will learn how to collect evidence and use various techniques to solve crimes. This course will emphasize the use of math and problem solving skills in the field of forensics.

Offered based on student interest.

ANATOMY AND PHYSIOLOGY

2.5 Credits Semester Unweighted Prerequisite: Juniors & Seniors

An elective course for students who have completed biology, this course will cover basic human anatomy and physiology of the major organ systems. Students will learn basic anatomical terminology and the processes of the Skeletal, Muscular, Circulatory, Respiratory, Excretory, Integumentary, Immune, Endocrine, Reproductive, and Nervous systems. Lecture material will be supported with labs on each system.

Offered based on student interest.

ESL BIOLOGY

5 Credits Full Year College II

Prerequisite: The recommendation of a guidance counselor is required for enrollment in this course.

This class is designed to present English Language Learning students with an opportunity to learn Biology within an environment that places emphasis on visual learning, small group activities, film and support for emergent English speakers.

BIOLOGY SKILLS

5 Credits Full Year Unweighted

Prerequisite: Recommendation of the Special Education Team and parental approval as indicated in the Individual Educational Plan.

This course is recommended for students who have writing and reading comprehension difficulties, and who require a text written at the third to fifth grade level. This course includes an ecological overview of the web of life. Individuals, populations, communities, ecosystems, and diversity of life are included. The structure and function of animal, plant, and protist kingdoms are examined. Cells, tissue, organs, and living systems are studied. Behavior, heredity, and genetics are studied, with investigation into the biology of the human body. Emphasis in this course is on biological concepts and lab work that are needed to successfully pass the MCAS exam in biology.

EARTH SCIENCE BASIC SKILLS

5 Credits Full Year Unweighted

Prerequisite: Recommendation of the Special Education Team and parental approval as indicated in the Individual Educational Plan.

A hands on study of the relationship between matter and energy through an introduction of the chemical and physical properties of matter, forms of energy, and the laws of motion. Skill development in problem solving and additional hands on experiences of real life problems. Beginning space science, meteorology and earth science are also covered. Curriculum and textbook are geared toward approximately 3rd grade reading level.

LABORATORY ASSISTANT

2.5 Credits Semester Unweighted

Prerequisite: Recommendation of the department. Prior completion of the course the student wishes to assist.

This is a semester course for students who wish to become more deeply involved with the laboratory aspect of a course. The Science Department offers a limited number of these

positions, and candidates for laboratory assistant must have completed the course for which they wish to assist. The Laboratory Assistants can be expected to prepare material for upcoming lab sessions, perform trial runs of experiments intended for future course inclusion, and organize and store material appropriately at the completion of a lab session. Laboratory assistants may also be asked to grade student lab reports when appropriate. **This course is not counted for eligibility or honor roll.**

SCIENCE RESEARCH INDEPENDENT STUDY

2.5 Credits Semester Unweighted

Prerequisite: Recommendation of the department chair.

Students are required to complete an in-depth research project. At the beginning of the semester, a timeline for the project will be set and due dates will be assigned. Upon completion of each project, students may be asked to share their work with others. Students will be admitted to the course based recommendation by the instructor and by their ability to do independent research.

SPECIAL EDUCATION

SERVICES AND SPECIFIC INSTRUCTION IN SPECIAL EDUCATION

Through collaborate planning, consultation, accommodation, specific instruction and inclusive learning experiences, the Martha's Vineyard Regional High School (MVRHS) provides a continuum of educational services and access to specialized and individualized services for children with disabilities. Specific courses in core curriculum areas are listed with those curriculum areas.

The Therapeutic Support Program will provide a safe, engaging learning environment that fosters self-awareness, promotes the development of skills for sustainable success, and cultivates empowerment to participate and connect with the school and community.

RESOURCE SKILLS

5 Credits Full Year Unweighted

Prerequisite: Recommendation of the Special Education Team and parental approval as indicated in the Individual Educational Plan.

The student and their Support Service Team, with parental agreement, determine the focus of the student's time in the resource room class based on their individual vision for her/him. Specific services provided may include the teaching of self-advocacy, learning, study, test-taking, self-determination, and/or organizational strategies. All of these strategies are taught so students may apply them in all of their general education classes to become more successful and independent in their learning, and to achieve annual goals set forth in their IEP. Skills of self-advocacy are also taught to students to assist in their successful independence.

READING RESOURCE SKILLS

5 Credits Full Year Unweighted

Prerequisite: Recommendation of the Special Education Team and parental approval as indicated in the Individual Educational Plan, when a student has shown deficits in decoding, spelling, and/or fluency despite average cognitive ability.

Reading skill improvement is the focus for this resource class, with the consideration of the individual student's particular educational needs. Services may include instruction in word comprehension, word attack skills, reading and oral comprehension, and spelling strategies. Students will participate in The Wilson Reading System for a portion of class time, and then practice what they have learned for the remaining class time.

PRACTICAL LIFE SKILLS

5 Credits Full Year Unweighted

Prerequisite: Recommendation of the Special Education Team and parental approval as indicated in the Individual Educational Plan.

Individualized instruction is provided in basic academic skills, pre-vocational, vocational, leisure and recreational opportunities. Activities will center on students' personal hygiene, functional communication skills expressive and receptive (verbal and/or nonverbal) basic skill training in practical math skills, proper dining skills, functional mobility, social skill development and social integration.

CTE DEVELOPMENT SKILLS/COMMUNITY SKILLS

Credits – Varied to number of blocks per 10-day cycle Unweighted

Prerequisite: Recommendation of the Special Education Team and parental approval as indicated in the Individual Educational Plan.

CTE Development Skills provides student with pre-CTE and CTE training which emphasizes the development of the employment skills needed to prepare for community employment sampling, employment support, and employment.

**SPEECH, COMMUNICATION, LANGUAGE & HEARING IMPAIRED SERVICES
Credit Assigned Full Year Unweighted**

Prerequisite: Recommendation of the Special Education Team and parental approval as indicated in the Individual Educational Plan.

Individual Speech and Language Services include individualized educational program for students who have communication impairment. Offerings include the teaching of American Sign Language, speech therapy and basic communication skills.

504 ACCOMMODATION AND INCLUSION SERVICES

Prerequisite: Recommendation of the Child Study Team and parental approval as indicated on the Individual Accommodation 504 Plan.

Inclusion Services accommodations may be provided in mainstream classes and will be provided through an Individualized Accommodation Plan as determined and developed by the Child Study Team. Section 504 of the Rehabilitation Act of 1973 “No otherwise qualified individual with a disability...shall solely by reason of her or his disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.” 29 U.S.C. § 794(a).

A person is considered to be a “disabled person” under Section 504 when he/she “has a physical or mental impairment which substantially limits one or more major life activities, has a record of such impairment, or is regarded as having such an impairment.” 29 U.S.C. § 706(8) (B).

The benefits of least restrictive placement and collaborative efforts form the rationale for inclusion program development. Collaboration, supported access, and innovative utilization of resources provide the basis for an accommodation plan intended to protect a student’s civil rights.

CAREER AND TECHNICAL EDUCATION

PROCEDURES FOR CAREER AND TECHNICAL EDUCATION STUDENTS

The CTE Department strives to provide an educational experience that encourages participation in any area for any student regardless of gender. The educational experience takes place in the classroom and the community with a strong emphasis on transition from school to the world of employment. Students must choose either the exploratory program or one of the four period advanced CTE courses. **It should be noted that documented safety issues will result in immediate removal from the program.**

ENTRY LEVEL CTE EXPLORATORY PROGRAM

2.5 Credits Semester Unweighted Prerequisite: None

This course is open to all freshmen. The objective of this one period course is to expose the student to all of our CTE areas; Culinary Arts, Automotive Technology, Carpentry, Horticulture and Health Assisting. After rotating through five areas, the student will choose one area to concentrate on for the remainder of the semester.

CULINARY ARTS

(Grade 10 & 11)

5 Credits Full Year Unweighted

Prerequisite: Open to all Sophomores and Juniors with preference given to students who have successfully completed CTE Freshmen Exploratory.

The objective of this one period course is to expose the student to a more in-depth overview of the culinary area beyond the CTE exploratory program. This course will concentrate on culinary skills in baking, vegetable and fruit preparation; meat, fish and poultry preparation; and soups, sauces, and desert preparation. Emphasis will be given to hands-on activities.

AUTOMOTIVE TECHNOLOGY

(Grade 10 & 11)

5 Credits Full Year Unweighted

Prerequisite: Open to all Sophomores and Juniors with preference given to students who have successfully completed CTE Freshmen Exploratory.

The objective of this one period course is to expose the student to a more in-depth overview of the auto technology area beyond the CTE exploratory program. This elective course emphasizes why mechanical, electronic, and other technical malfunctions occur. Repair shop procedures will be used to introduce the student to auto technology beginning with basic repair and extending to microcomputer systems.

HORTICULTURE

(Grade 10 & 11)

5 Credits Full Year Unweighted

Prerequisite: Open to all Sophomores and Juniors with preference given to students who have successfully completed CTE Freshmen Exploratory.

The objective of this one period course is to expose the student to a more in-depth overview of the horticulture area beyond the CTE exploratory program. This course of study offers the career technical student the necessary information and experiences to choose horticulture as a possible career choice. Landscape construction, design and equipment use, greenhouse management, maintenance of plants. Island resources are used as a learning environment and laboratory.

CARPENTRY

(Grade 10 & 11)

5 Credits Full Year Unweighted

Prerequisite: Open to all Sophomores and Juniors with preference given to students who have successfully completed CTE Freshmen Exploratory.

The objective of this one period course is to expose the student to a more in-depth overview of the construction technology field beyond the CTE exploratory program. The CTE student will be exposed to wood frame construction, its tools, practices and materials both in new construction, and remodeling. Emphasis will be on the safe handling and care of basic hand and power tools.

ADVANCED CAREER TECHNICAL EDUCATION PROGRAMS

Our CTE Programs are designed to provide both career and educational opportunities for our students. Students will be prepared for entry level employment in these areas but will also be encouraged to explore the many career pathways that are related to these areas, and to continue post-secondary educational and training. All areas teach to nationally approved curriculum and industry validated standards. Students will receive OSHA Safety Training to go along with training for maintenance of a safe workplace and operation of all tools and equipment utilized within these fields. All students will be introduced to entrepreneurship, accounting, and marketing concepts and how they relate to creating a successful business in their area.

ADVANCED CULINARY ARTS

(Grade 10, 11, 12)

10–20 Credits Full Year Unweighted

Prerequisite: Freshmen Exploratory, Culinary Arts, or with permission of the instructor and CTE Director.

This course is open to all sophomores, juniors, and seniors who have successfully completed Freshmen Exploratory and/or Culinary Arts: Students who have not successfully completed the prerequisites will be eligible only if space allows. The object of this two or four period course is to prepare for employment in the culinary field or entry into a post secondary college or institute for more advanced training. This course will cover all aspects of the Culinary Arts Industry and related occupations.

ADVANCED AUTOMOTIVE TECHNOLOGY

(Grade 10, 11, 12)

10–20 Credits Full Year Unweighted

Prerequisite: Freshmen Exploratory, Automotive Technology, or with permission of the instructor and CTE Director.

This course is open to all sophomore, juniors and seniors who have successfully completed Freshmen Exploratory and/or Automotive Technology. The object of this two or four period course is to prepare for employment in the automotive field or entry into a post secondary college or institute for more advanced training. This course will cover all aspects of the Automotive Industry and related occupations.

ADVANCED HORTICULTURE

(Grade 10, 11, 12)

10–20 Credits Full Year Unweighted

Prerequisite: Freshmen Exploratory, Horticulture, or with permission of the instructor and CTE Director.

This course is open to all sophomores, juniors, and seniors who have successfully completed Freshmen Exploratory and/or Horticulture. The object of this two or four period course is to prepare for employment in the horticulture field or entry to a post secondary college or institute for more advanced training. This course will cover all aspects of the Horticulture Industry and related occupations.

ADVANCED CARPENTRY

(Grade 10, 11, 12)

10–20 Credits Full Year Unweighted

Prerequisite: Freshmen Exploratory, Carpentry, or with permission of the instructor and CTE Director.

This course is open to all sophomores, juniors, and seniors who have successfully completed Freshmen Exploratory and/or Carpentry. The object of this two or four period course is to prepare for employment in the carpentry field or entry to a post secondary college or institute for more advanced training. This course will cover all aspects of the Construction Industry and related occupations.

ADVANCED EARLY EDUCATION AND CARE

(Grade 11, 12)

10–20 Credits Full Year Unweighted

Prerequisite: Freshmen Exploratory, Early Education and Care, or with permission of the instructor and CTE Director.

This course is open to all sophomores, juniors, and seniors who have successfully completed Freshmen Exploratory and/or Early Education and Care. The object of this two or four period course is to prepare for employment in Early Childcare or entry to a post secondary college or institute for more advanced training. This course will allow graduates to be initially licensed to work in the childcare field. **This course is open to all students who have previously taken an Early Education and Care course.**

The following courses will be offered by our CTE Staff as a way to increase their enrollment numbers and address the need for electives as other programs are eliminated. This curriculum is already a part of their Vocational Frameworks and would allow non chapter 74 students to join these classes as an elective for one period of our four period block:

Hydroponics and Aquaculture

Green Building Technology and 21st Century Building Techniques

Automotive Basics Servicing Your Vehicle

HYDROPONICS AND AQUACULTURE

5 Credits Full Year Unweighted Prerequisite: None

This course is an introduction to basic plant and aquaculture systems and growing techniques, plant and fish nutrition and water quality.

GREEN BUILDING TECHNOLOGY AND 21st CENTURY BUILDING TECHNIQUES

5 Credits Full Year Unweighted Prerequisite: None

This course will focus on the recent advancements made in the construction field. The course syllabus will be designed around three key areas; sustainable building practices, super efficient building enveloped, and renewable/green energy systems. The students will be required to compare and contrast emerging green building designs and techniques, develop a building design and energy system, construct the building, and test for compliance. The goal will be to create a system that is completely sufficient for habitation that functions off of the grid but still compares with the price per square foot of traditional construction techniques. In addition this course will function with in the existing carpentry frameworks mandated by the Mass D.S.E.

AUTOMOTIVE BASICS AND SERVICING YOUR VEHICLE

5 Credits Full Year Unweighted Prerequisite: None

This course is designed to accomplish two goals. First, it is to give you basic knowledge of automobile systems and how they work together to make your car run. Second, it is to prepare you to make educated decisions about maintaining you vehicle. Believe it or not, you have the ability to maintain your vehicle in good running condition without paying huge fees to service technicians! There are some things that you should not attempt because of limited resources, but you might be surprised to learn what you can do. Two of the biggest benefits of doing things yourself are the amount of money you will save and the confidence you will have in yourself.

SCHOOL TO CAREERS / WORK STUDY

2.5–10 Credits Semester Unweighted

Prerequisite: Juniors and Seniors with permission of CTE Director.

Work-study is an option for those students who are in good academic standing who wish to explore career choices while still enrolled in high school. Students must notify their guidance counselor in writing if they wish to take their core curriculum on an every other day schedule. Placement and availability of jobs depend on many variables: scheduling a student's required courses for graduation, economic need, and career path. All work sites must be inspected for

safety and maintain appropriate insurance. All supervisors must successfully pass CORI. A strong work ethic must be maintained on the work site and successful completion of their Massachusetts Work-Based Learning Plan Packets. Students are granted credit for this course by the number of hours documented by their employer, successful completion of learning packets and a quarterly project. Transportation to and from Employment sites is the responsibility of the student and/or parent/guardian. Approval of the guidance counselor is mandatory for all interested in this program. All work-study students must maintain a 70% average in all scheduled classes including work-study to remain in this program.

MENTORSHIPS

2.5–10 Credits Semester Unweighted

Prerequisite: Juniors and Seniors with permission of the CTE Director.

Mentorship's are available for a select number of students who wish to work directly under the supervision of an out side mentor. These students would be matched up with a professional in their field of interest and would complete a project alongside their mentor and successfully complete their Massachusetts Work-Based Learning Plan Packets. All work sites must be inspected for safety and maintain appropriate insurance. All supervisors must successfully pass CORI. Some mentorship's could be conducted at law offices, medical centers, or other sites outside of school. . Students are granted credit for this course by the number of hours documented by their mentor, successful completion of learning packets and a quarterly project. The mentor would supervise and evaluate the student's work for grading purposes. All mentorship students must maintain a 70% average in all scheduled classes including work-study to remain in this program.

TECH PREP PROGRAM

The Martha's Vineyard Regional High School has incorporated a two plus two program with the community colleges across the state. Tech Prep is a sequence of study beginning in the junior year of high school which continues through at least two years of post-secondary occupational education. This program parallels the college prep course of study, and presents an alternative to general education by preparing students for high skill technical occupations. After completion of the strong academic and technical programs in high school, tech prep students should be well prepared to continue their technical education at a two year college to acquire an associate degree, pursue a baccalaureate degree at a four year college, or enter full-time employment in their chosen field.

Tech Prep offers students a positive learning experience that fosters personal confidence and self-esteem. Students choose from a list of specific programs, which allow them to discover and develop their talents in their career field. Martha's Vineyard Regional High School is directly affiliated with the University of Massachusetts, Amherst, Stockbridge School of Agriculture, Cape Cod Community College, Massachusetts Bay Community College and Baron Institute of Technology. With Tech Prep at any community college such as Cape Cod Community College a student is ready to enter the work force well prepared for highly skilled, highly-paid jobs. Students also have a head start in related degree programs should they choose to continue their education.

All Tech Prep courses are activity based with high standards that emphasize applied academics, critical thinking, and problem solving related to the real world. A Tech Prep student can earn up to 12 college credits while still attending high school. These credits cost the student and his or her family nothing. The current Tech Prep programs offered at Martha's Vineyard Regional High School are: Computer Information Systems; Carpentry; Culinary Arts; Management Technology; and Office Technology. See your guidance counselor for more details.

Tech Prep Courses offered at Martha's Vineyard Regional High School with assigned college credits for juniors and seniors:

Accounting I and II	(4 credits)
Keyboarding /Office Technology	(3 credits)
Computer Applications I and II	(3 credits)
Culinary Arts	(6 credits)
Horticulture	(6 credits)
Carpentry	(6 credits)
Early Education and Care	(6 credits)
Auto Technology	(6 credits)

WORLD LANGUAGES

FRENCH I

5 Credits Full Year Honors/College 1

Prerequisite: According to 8th grade placement exam.

Honors: A summer assignment must be completed before entering this course in the fall.

College 1: None

French I is an introductory course in French language and culture. No previous experience with the language is necessary. Emphasis is placed upon all four of the main areas of language acquisition: speaking, writing, listening and reading. Students use the textbook *Breaking the French Barrier* and steadily progress through the chapters throughout the year. Core grammar and vocabulary concepts will be covered during the study of *Breaking the French Barrier*. In addition to the textbook, students will also learn about language and culture using a wide range of approaches. The students will watch the French news streamed live into the classroom. They will listen to and discuss French music from around the globe and also read newspaper and magazine articles. French movies will be viewed. Additionally, students will complete projects on cuisine, fashion, history, art and current events throughout the vast French-speaking world. By the end of the course the students will have a solid foundation in the French language. They will additionally have a strong understanding of the wonders of French culture.

FRENCH 2

5 Credits Full Year Honors/College 1

Prerequisite: Honors: A grade of 80% or above in Honors French I or recommendation of the department chair. A summer assignment must be completed before entering this course in the fall. College 1: A grade of 70% or above in French I.

French II begins by reviewing the key grammar and vocabulary concepts introduced in French I. The course then moves along at a steady pace while introducing new and advanced material. The students will be expected to speak in French during class. There will be more oral and listening comprehension assessments. The students will also write short essays in the target language. There will be more focus on reading than in the previous year, and the students will read many passages about French culture while applying the grammar and vocabulary already acquired. French II uses many of the same approaches to language acquisition as French I such as newspapers, magazines, news broadcasts, music and movies.

FRENCH 3

5 Credits Full Year Honors/College 1

Prerequisite: Honors: A grade of 80% or above in Honors French 2 or recommendation of the department chair. A summer assignment must be completed before entering this course in the fall. College 1: A grade of 70% or above in French 2.

The French 3 curriculum will continue to develop communicative skills including speaking, listening, reading and writing. This course will also emphasize the cultural diversity of the French-speaking world using movies, music, media websites and magazines. The language component will review and build upon the grammar learner in the first two years and emphasize the correct use of the present, future, imperfect, passé composé and conditional verb tenses as well as imperatives, idiomatic and negative expressions.

FRENCH 4

5 Credits Full Year Honors/College 1

Prerequisite: Honors: A grade of 80% or above in Honors French 3 or recommendation of the department chair. A summer assignment must be completed before entering this course in the fall. College 1: A grade of 70% or above in French 3.

The French 4 curriculum will continue to develop communicative skills including speaking, listening, reading and writing. This course will provide students with an overview of French history from the middle ages to the present time using literature, film and multi-media. Students will read authentic documents in the French language and hone their communication skills through advance study of grammar and composition. As a final project for the fourth term, students will write, film and edit a short documentary film in French and present it to their peers.

GERMAN I

5 Credits Full Year Honors/College 1

Prerequisite: According to 8th grade placement exam.

Honors: A summer assignment must be completed before entering this course in the fall. College 1: None

The goal of German I is not only to help you learn the German language and gain or further an appreciation for the German-speaking countries and cultures. This will also help you gain new perspectives about the world as a whole and about your place and responsibility in this global society. As students you will focus on learning the language through the use of authentic sources having to do with modern German culture including themes such as: music, film, advertising, and other current media forms. By the end of this year, you should be able to have simple conversations with a native speaker and to read and write simple texts. You will learn 3 of the 4 German cases (Nominative, Accusative, & Dative), the present and present perfect verb tenses, and German sentence structure. You will also complete four end-of-quarter projects.

GERMAN 2

5 Credits Full Year Honors/College 1

Prerequisite: Honors: A grade of 80% or above in Honors German I or recommendation of the department chair.

A summer assignment must be completed before entering this course in the fall. College 1: A grade of 70% or above in German 1.

In German 2, you will continue to learn the German language, but also to help you further an appreciation for and an understanding of the German-speaking countries and cultures. This will also help you gain new perspectives about the world as a whole and about your place and responsibility in this global society. As students you will focus on learning the language through the use of authentic sources having to do with modern German culture including themes such as: music, film, advertising, and other current media forms. By the end of this year, you should be able to have simple-moderately complex conversations with a native speaker and to read and write texts of moderate length. You will learn modal verbs, imperatives, reflexive verbs, prepositions, adjective endings and the Genitive Case. Students will also complete four end-of-quarter projects.

GERMAN 3

5 Credits Full Year Honors/College 1

Prerequisite: Honors: A grade of 80% or above in Honors German 2 or recommendation of the department chair. A summer assignment must be completed before entering this course in the fall. College 1: A grade of 70% or above in German 2.

German 3 will not only help you continue to learn the German language, but also to help you further an appreciation for and an understanding of the German-speaking countries and cultures. As students you will focus on learning the language through the use of authentic sources having to do with modern German culture including themes such as: music, film, advertising, and other current media forms. By the end of this year, you should be able to have moderately complex conversations with a native speaker and to read and write texts of moderate length. You will learn da- & wo-compounds, relative pronouns and clauses, and the simple past, past perfect, future and subjunctive mood verb tenses. You will also complete four end-of-quarter projects.

GERMAN 4

5 Credits Full Year Honors/College 1

Prerequisite: Honors: A grade of 80% or above in Honors German 3 or recommendation of the department chair. A summer assignment must be completed before entering this course in the fall. College 1: A grade of 70% or above in German 3.

The goal of German 4 is to help students deepen their understanding and apply the grammar and vocabulary that they have learned over the last three years. We will expand our conversational skills in German through discussions about readings. By the end of this year, students should be able to have intermediate-level conversations with a native speaker and to read and write intermediate-level texts. They will learn how to form the passive voice and indirect discourse, which is used in journalism. Students will also complete four end-of-quarter projects.

SPANISH I

5 Credits Full Year Honors

Prerequisite: According to 8th grade placement exam. A summer assignment must be completed before entering this course in the fall.

Students coming from elementary school will be expected to have an excellent overall understanding of the Spanish language. This course is driven by textbook, audio, verbal exercises, kinesthetic activities, and supplementary materials to make the course interesting and will cover present tenses, basic commands, parts of speech, basic conversations and greetings. Use of basic present and preterit tenses will be foundational for 2nd year. Course themes revolve around classrooms, daily activities, foods, family and sports and leisure, for example. Essential Questions such as: "How does Spanish culture compare with American culture?" will be discussed.

SPANISH I

5 Credits Full Year College 1

Prerequisite: According to 8th grade placement exam.

Students coming from elementary school will be expected to have an excellent overall understanding of the Spanish language. This course is driven by textbook, audio, verbal exercises, kinesthetic activities, and supplementary materials to make the course interesting and will cover present tenses, basic commands, parts of speech, basic conversations and

greetings. Use of basic present and preterit tenses will be foundational for 2nd year. Course themes revolve around classrooms, daily activities, foods, family and sports and leisure, for example. Essential Questions such as: "How does Spanish culture compare with American culture?" will be discussed.

SPANISH I

5 Credits Full Year College II

Prerequisite: According to 8th grade placement exam.

The same content and course sequence is followed as in Spanish I College 1 with a little less emphasis on reading and writing Spanish.

SPANISH 2

5 Credits Full Year Honors

Prerequisite: According to 8th grade placement exam for incoming 9th graders, a grade of 80% or above in Honors Spanish I or recommendation of the department chair.

A summer assignment must be completed before entering this course in the fall.

In Spanish 2 we will talk about similarities and differences between your schooling and that of a student in Mexico City, compare the extracurricular activities in Guatemala and the USA, talk about the currency in Spain and in Latin American countries, talk about Mexican art and what the work tells us about their culture, discuss how one culture can influence another, discuss aspects of early American civilizations, describe bargaining in Latin America. Through these topics we will review the present tense and cover both the preterit and imperfect tenses.

SPANISH 2

5 Credits Full Year College 1

Prerequisite: A grade of 70% or above in Spanish I College 1.

In Spanish 2 we will talk about similarities and differences between your schooling and that of a student in Mexico City, compare the extracurricular activities in Guatemala and the USA, talk about the currency in Spain and in Latin American countries, talk about Mexican art and what the work tells us about their culture, discuss how one culture can influence another, discuss aspects of early American civilizations, describe bargaining in Latin America. Through these topics we will review the present tense and cover both the preterit and imperfect tenses.

SPANISH 2

5 Credits Full Year College II

Prerequisite: A grade of 70% or above in Spanish I.

The same content and course sequence is followed as in Spanish I College 1 with a little less emphasis on reading and writing Spanish.

SPANISH 3

5 Credits Full Year Honors

Prerequisite: A grade of 80% or above in Honors Spanish 2 or recommendation of the department chair. A summer assignment must be completed before entering this course in the fall.

Spanish is the main language spoken in the classroom to foster an environment of immersion. Great emphasis is placed on verbal syntax development around various themes, such as

Spanish Art, Comparing Living in the Country to the City, Community Service. Synthesis of 1st and 2nd year grammar, including present, preterit and imperfect tenses will have added to them present subjunctive and use of "haber" in present progressive tenses. Particular attention will be placed on auditory and verbal communication. Use of computer and graphic representations of the subjects being studied will be an integral part of this course. PowerPoint presentations, booklets and theatrical adaptations of stories may also be used. Proper syntax development and use of these tenses will prepare students for Spanish 4. We will explore Essential Questions such as: "How does living in an American city compare with living in a Mexican or South American city?"

SPANISH 3

5 Credits Full Year College 1

Prerequisite: A grade of 70% or above in Spanish 2 College 1.

Spanish is the main language spoken in the classroom to foster an environment of immersion. Great emphasis is placed on verbal syntax development around various themes, such as Spanish Art, Comparing Living in the Country to the City, Community Service. Synthesis of 1st and 2nd year grammar, including present, preterit and imperfect tenses will have added to them present subjunctive and use of "haber" in present progressive tenses. Particular attention will be placed on auditory and verbal communication. Use of computer and graphic representations of the subjects being studied will be an integral part of this course. PowerPoint presentations, booklets and theatrical adaptations of stories may also be used. Proper syntax development and use of these tenses will prepare students for Spanish 4. We will explore Essential Questions such as: "How does living in an American city compare with living in a Mexican or South American city?"

SPANISH 4 ADVANCED

5 Credits Full Year Honors

Prerequisite: A grade of 85% or above in Honors Spanish 3 or recommendation of the department chair.

A summer assignment must be completed before entering this course in the fall. Juniors Only. This class is conducted almost exclusively in Spanish. We will continue to study and learn about various aspects of Spanish language, literature, and culture. Emphasis will be placed on the mastery of grammatical tenses as well as refining the students' listening, reading, writing, and speaking skills. Themes will include: home, health, environment, tourism, and leisure. Students are expected to speak only Spanish. In order to succeed in this class, students must study and prepare themselves extensively inside the classroom and at home.

SPANISH 4

5 Credits Full Year Honors

Prerequisite: A grade of 80% or above in Honors Spanish 3 or recommendation of the department chair. A summer assignment must be completed before entering this course in the fall.

Spanish language, composition, literature and conversation are the four categories that will be explored through various themes. Such themes may include exploration of the great authors of Spain, Mexico, Central and South America. Essential questions will be discussed thoroughly such as "How does Latino culture influence consumerism in the United States today?" Mastery and usage of present, preterit, imperfect, regular and irregular subjunctive, commands, present perfect and proper syntax development and grammar will be essential to successful completion

of this course. Rigorous readings, writings and grammar drills will be the method by which various topics are discussed in depth. Literature, film, audio CD's of poetry and writers including current events in the Spanish-speaking world will be included.

SPANISH 4

5 Credits Full Year College 1

Prerequisite: A grade of 70% or above in Spanish 3.

Spanish language, composition, literature and conversation are the four categories that will be explored through various themes. Such themes may include exploration of the great authors of Spain, Mexico, Central and South America. Essential questions will be discussed thoroughly such as "How does Latino culture influence consumerism in the United States today?" Mastery and usage of present, preterit, imperfect, regular and irregular subjunctive, commands, present perfect and proper syntax development and grammar will be essential to successful completion of this course. Rigorous readings, writings and grammar drills will be the method by which various topics are discussed in depth. Literature, film, audio CD's of poetry and writers including current events in the Spanish-speaking world will be included.

AP SPANISH LANGUAGE

5 Credits Full Year

Prerequisite: A grade of 85% or above in Spanish 4 Advanced or recommendation of the department chair. Students are required to take the Advanced Placement exam in May. Payment for the exam is due to the principal at the end of the first quarter. A summer assignment must be completed before entering this course in the fall.

AP Spanish Language is equivalent to a third level college course. The class is conducted almost exclusively in Spanish. We will continue to study and learn about various aspects of Spanish language, literature, and culture. Emphasis will be placed on the mastery of grammatical tenses as well as refining the students' listening, reading, writing, and speaking skills. Themes will include: school, sports, shopping, personal relationships, and society. Students are expected to speak only Spanish. In order to succeed in this class, students must study and prepare themselves extensively inside the classroom and at home.