

Mount Anthony Union High School

2010—2011
Program of Studies

Table of Contents

INTRODUCTORY MATERIAL

Mission Statement	2
Principal's letter	3
Performance Targets	3
Graduation requirements	3
Repeating a course	4
Transfer students	4
Grade Placement	4
Foreign studies	4
Middle School Credit-Bearing Courses	4
College credit	4 - 5
Honor roll	5
Determining GPA	5
Weighted Grades	6
Audit Procedure	6
Class rank	6
Course registration	6
Course Scheduling	6
Add/Drop Process	6
Advanced Placement	7
Withdraw Policy	7
Academic Placement	7
Honors and ABC Level Courses	7 - 8

COURSE DESCRIPTIONS

Humanities

Art	8 - 9
Music	9 - 10
English Literature & Composition	10 - 13
Foreign Languages	13 - 15

Social Sciences

Social Studies	16 - 17
Social Science Electives	18
Family and Consumer Sciences	18
Health	18
Physical Education	18 - 19

Math, Sciences and Technology

Mathematics	19 - 22
Science	22 - 24
Technology	25

Other

Community College of Vermont	26
College Courses	26
School Services	26
English as a Second Language	26

School-to-Work

Community Service	27
Field Study	27
Senior Project	27

50 Minute Courses

Alphabetically listed	27 - 33
Freshman specific	33
Community Programs	33

Southwest VT Career Development Center

Program of Studies	34
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DEPARTMENT EXTENSIONS

Administration	242
Athletics	252
Cafeteria	132
Counseling	249
Library	130
Maintenance	286
Nurses	131

Mount Anthony Union High School Mission Statement

Mount Anthony Union High School is committed to providing its graduating students with the knowledge base, academic and technical skills, and strength of character necessary to be successful, healthy and productive citizens in an ever-changing country and world.

To help all our students meet the challenges of life, we will:

- Provide a safe and nurturing environment.
- Offer challenging and rigorous academic courses that meet the needs of all students.
- Provide opportunities to develop advanced technical skills.
- Create a supportive, involved community of parents, business and civic leaders.
- Provide opportunities to pursue interests and talents in the creative arts, music and athletics.
- Offer programs that provide information and activities that help develop and promote a healthy, positive lifestyle.
- Encourage education and civic responsibility.

The Program of Studies describes what Mount Anthony Union High School plans to offer for the next academic year. Course offerings may need to change for many reasons. In addition School policies, procedures, and requirements are described here. This information is as accurate as possible. At times changes in policies, clerical errors or other factors can result in publication of incorrect or incomplete information. It is our intent to provide clear and accurate information; however, The Program of Studies is not a binding contract.

Dear Students and Parents:

This Program of Studies has been designed by our counseling department and faculty to serve as a resource guide to help you plan a course of study that is rewarding and challenging. Note that recent changes in curriculum, course sequences and prerequisites are included.

Mount Anthony Union High School is committed to excellence and achievement. It is our mission to provide a comprehensive education to every student. We hope your high school experience will be meaningful, productive and enjoyable. We look forward to working with you.

Sincerely,

*Sue Maguire
Principal*

Performance Targets for Graduating Students

We expect that at graduation, all students at Mount Anthony Union High School will be able to demonstrate their ability to:

- Read a variety of materials, including original historical documents, literary and scientific texts and technical manuals, critically and with understanding.
- Write effectively for a variety of purposes and audiences, paying attention to organization, syntax and conventions.
- Listen actively and critically as well as recognize slanted and/or complex messages.
- Express themselves effectively in a variety of forums.
- Use accurate and appropriate mathematical skills, models and strategies to solve and/or explain a variety of problems.
- Identify problems and suggest solutions for current local, national and global issues using relevant geographic, historical, cultural, scientific and political knowledge and information.
- Use current information technology to investigate and communicate effectively.
- Use appropriate team and/or independent strategies to achieve goals.
- Exhibit self-reliance, respect and concern for others, and a sense of social and political responsibility.

Required Class Periods:

Students in grades 9-12 are required to take a full daily schedule of classes each semester. An administrative review can be requested for unusual circumstances that could require a student to need a school day with reduced credits or length.

Humanities:

English Literature & Composition 4 credits
The Arts 1 credit

Social Sciences:

SS1 World History (4 M BCE-1400 CE) 1 credit
SS2 World and United States History (1400 CE-1850) 1 credit
SS3 United States and the World (1776-Present) 1 credit

Physical Education 1.5 credits
Health 0.5 credits

Mathematics, Science & Technology

Mathematics 3 credits
Unified Science 1 credit
Biology 1 credit
3rd Science 1 credit
Technology 0.5 credit

Electives

7.5 credits

Total graduation credits required:

24 credits

Some Career Development Center (CDC) programs have embedded graduation requirement credit(s) & some CDC classes may fulfill requirements in the area of Mathematics, Science, English, or Art. Please see the CDC Program of Studies & check with your school counselor about courses that fulfill MAUHS graduation requirements.

Grade Placement

Grade 9: A student's first year in high school.

Grade 10: A student's second year in high school

Grade 11: A student's third year in high school

Grade 12: Students must have earned, & be enrolled in enough credits to meet graduation requirements by the end of the school year. If a student does not meet these requirements, they will be listed as an 11th grader.

Repeated Courses

Due to Low Grade: If a student receives a low grade in a course, he/she has the option of repeating the course for a higher grade. The repeated course must be taken prior to proceeding to the next level course. Only 1 course credit will be counted towards graduation credits & only the highest grade will be averaged into the student's GPA. Both courses & grade percentages will appear on the transcript. The lowest grade will be worth 0 credits & therefore will not be averaged into the GPA or counted as credit.

Due to Failure: When a student repeats a failed course, both grades will count in the GPA.

Tutorial Center: The Bennington Tutorial Center provides after school tutoring, English as a Second Language classes, summer programs, Graduate Equivalency Degree (GED) programs, an Adult Diploma Program, & a high school completion program. If a student fails a course at Mt. Anthony with a grade of 50 or higher, he/she can earn Pass/Fail credit through the Tutorial Center by documenting seat time (30 hrs.) & homework (15 hrs.). Applications are in the Counseling Office & should be completed with the student's school counselor before the start of tutoring. The cost of Tutorial Center services is on a sliding scale. Some of the programs are available to eligible students free of charge or at a minimal cost. For more information, call the Tutorial Center at 447-0111.

Transfer Students

A school counselor reviews the academic record of a student who transfers to Mt. Anthony. The counselor will recommend which credits will be applied toward MAUHS required courses. In some situations, courses that are required of MAUHS students (i.e. Unified Science, World History) may not be required of transfer students due to their specific academic situation. Credits are evaluated and approved by a school administrator. The credits are then added to the student's MAUHS transcript.

Middle School Credit-Bearing Courses

Students can receive credit for French 1, Spanish 1, and Math A1 when completed at Mt. Anthony Middle School. The students will be required to take the same final exam used by MAUHS. The course will be listed on the student's transcript and can be applied toward graduation requirements. The course grade will not be counted in calculations of GPA.

Foreign Studies

When students study abroad, Mount Anthony credit, in some situations, can be awarded for coursework performed. The following must occur:

- First, the student & parent/guardian meet with a school counselor to review required courses for graduation from MAUHS.
- It is helpful if the foreign school's syllabi are available for review.
- Prior approval for course credit must be received from administration.

Upon return, the student will:

- Provide the counselor with a syllabus and course summary in English.
- The counselor reviews information to make course credit recommendations.
- Administration reviews the proposal and makes a determination of credits to be awarded.
- The student will provide official documentation of course completion & hours of attendance. (60 hrs. = 0.5 cr.; 120 hrs = 1.0 cr.)

Credits earned during study abroad will not be counted towards the student's grade point average.

Foreign exchange students wishing to receive a diploma from Mount Anthony Union High School must be in their final year of education and meet MAUHS' core and number of credit requirements. If both of these are not met, a student will receive a certificate of attendance. Foreign exchange students must make their intention to earn a MAUHS Diploma known at registration and provide academic transcripts and supporting information in English at that time.

Receiving High School Credit for Completion of College Courses

Before enrolling in a college course, the student should meet with their school counselor. College courses can be applied toward elective credit or required courses:

Elective Credit: Before enrollment in the college course, the student provides their school counselor with the course description and syllabus when available.

College Course Credit Opportunities: Students who choose to take college courses while attending MAUHS can request that the college course be approved for high school credit. Courses can be approved for either elective credit, or when pre-approved can be used to substitute for a MAUHS required course. It is recommended that college courses be taken for elective credit rather than to fulfill a graduation requirement.

Approval of college courses for MAUHS credit is not guaranteed. The application process must be completed and the course approved before it will be eligible for MAUHS credit. College course-related costs such as books, tuition and transportation are the responsibility of the student. All local colleges have programs available for high school students. See your school counselor to discuss specific opportunities.

To apply for MAUHS credit for college study, the student will need to:

- Meet with their school counselor.
- Complete the MAUHS College Course Credit Application.
- Provide a copy of the course syllabus & a copy of the course description from the college catalog.
- Complete the individual college's application for high school students.
- Successfully complete the course.
- Before MAUHS credit can be issued, the student will need to provide their school counselor with an official transcript indicating successful completion of the approved course

Description of College Course Credit

Most college courses are three credit courses and have historically been awarded one high school credit. However, college courses can vary in credits. The following is a guideline for the expected high school credit to be awarded for college credit-bearing courses. This may be adjusted if there are special arrangements or agreements made with a specific institution. Also, the school administration will reserve the right to review specific course documentation and adjust credit appropriately.

EXPECTED HIGH SCHOOL CREDIT FOR COMPLETION OF COLLEGE COURSE

*One credit course: 0.25 credits
 Two credit course: 0.5 credits
 Three credit course: 1 credit
 Four credit course: 1.25 credits
 Five credit course: 1.5 credits
 Six credit course: 2 credits*

Honor Roll

Honor Roll will be determined by using all numerically graded regular education and modified curriculum 90 minute classes, and designated numerically graded 50 minute classes.

Determining Grade Point Average

The courses used in determining a student's Grade Point Average (GPA) are those offered on-campus at MAUHS during the regular school year.

- Regular education required courses that are numerically graded.
- Regular education 90 minute elective courses that are numerically graded.
- The following 50 minute classes: Chorus, Band, Health, Physical Education, and all 50 minute courses that fill the Technology requirement.

High school level courses taken during middle school will not be counted on the student's GPA.

A differential weighting system is used to calculate grade point average. All grades are plotted on a 100-point scale (2002). The minimum passing grade is 65. The following is a weighted chart conversion using the 100-point scale (x 1.05):

Numerical Grade	Non-Weighted Course	Course Points	Weighted Course	Course Points
100%	100	4.00	105	4.10
95%	95	3.91	100	4.00
90%	90	3.50	95	3.91
85%	85	3.00	89	3.40
80%	80	2.50	84	2.90
75%	75	2.00	79	2.40
70%	70	1.50	74	1.90
65%	65	1.00	68	1.30

Weighted Grades

Advanced Placement courses are weighted at grade earned plus 5% on the 100-point scale. If an AP course is taken, but the exam is not taken, the course will remain weighted, but the course name will be changed to Honors. The AP courses offered are: *Art, Biology, 11th grade English (Language & Composition), 12th grade English (Literature & Composition), Biology, Physics/Calculus, Chemistry, European History, U.S. History, & World History. French, German & Spanish are noted as Honors/AP option courses. Level Five Foreign Language students may take the AP exam and obtain AP transcript designation.*

Weighted grades & grade point average policies are subject to change at the discretion & approval of the Mount Anthony Education Committee & the school.

Audit Procedure

This option is not a recommended way of attending a course & may only be used in special circumstances. Students cannot audit a required course. The following are guidelines for auditing a course:

- Course must be an elective course or a higher level than the school's required courses (i.e. a fourth year math course).
- auditing a course that is required to meet graduation requirements is NOT allowed.
- Audit requests must be submitted to the student's School Counselor.
- Students have two weeks from the start of the semester to either audit or change an audited class into a regular class. If a student starts a course as an audit and then decides to change the course to a regular course they must complete all the required work within the two-week period.

Auditing courses can allow students to take challenging academic courses they would normally shy away from. The student can take a challenging academic course without the penalty of earning a low grade. However, the student is required to complete the work as a student fully enrolled in the class. This includes attendance, homework, exams, papers & any other class requirement. The student will not receive official grades or credit for the course. The course appears on the student's transcript as an "AU" & will not count on the student's GPA or rank determination. If a student decides to drop a course they are auditing, the course will appear on the transcript as a Withdraw Pass or Withdraw Fail depending on the student's standing.

Course auditing is not intended for use with students transferring mid semester into the school district.

Class Rank

Official rank is not determined for grades 9 & 10. In order to be included in the ranking of 11th grade, a student must have earned 9 eligible credits by the end of their 10th grade. To be included in the ranking of the 12th grade, fourteen eligible credits must be earned by the end of the student's 11th grade. A student must have earned 18 eligible credits at the end of their 4th year of high school to be in the final senior year rank. Eligible credits must be in regular education, non-modified, curriculum courses. A student who does not meet the criteria may appeal & final determination is made by the Principal or her/his designee.

Course Registration

Course registration occurs in the spring semester & is based on parent/student input, teacher recommendations, & meetings with the school counselor. Additional information from their Individual Education Plan, 504 Plan, or other resources are used. Courses are chosen that both fulfill required courses for graduation, & are best suited to student's interests, goals, & strengths. Parents should contact School Counselors to discuss their students' schedule.

Course Scheduling

- Students complete course selection sheets & are sent home with the student for parent/guardian review.
- A signed course selection sheet is returned to the student's school counselor for review & to make changes if necessary.
- If a course selection sheet is not returned, the courses originally selected will be used to build the student's schedule.
- If a course is multi-grade level, preference is given to 12th, 11th, 10th and 9th (in that order).
- Students are fully registered for classes by the end of the spring semester, which improves the student's chance of entering their first-choice courses, & the likelihood that enough sections of each course will be offered.
- Students & their parents are advised to contact their counselors during May & June if schedule adjustments must be made. School Counselors can address scheduling issues over the summer. It is best to call the counseling office to make an appointment.
- The registration process & the second semester occur concurrently. Second semester teachers will be able to make recommendations concerning appropriate course selections for students. Some teacher recommendations changes may occur later in the semester. As a result, school counselors need to adjust student schedules accordingly. Students & parents/guardians will be included in the process.

Add/Drop Process

- Occasionally students may need to adjust their schedule by dropping one course and adding another.
The easiest way to adjust a student's schedule is to meet with the school counselor before the beginning of each semester.

If a student withdraws from a class before the 5 week interim report at the start of the semester, NO withdraw notation will be on their transcript. If a student withdraws after the 5 week interim report date, either a Withdraw Pass (WP) or Withdraw Fail (WF) will be noted on his/her transcript. A WP means that the student was passing (at least a 65% average) the course at the time he/she withdrew. A WF means the student was not passing (below 65% average) at the time he/she withdrew.

Mount Anthony Union High School offers a continuum of Special Education services to all eligible students. Registration for special education classes/services requires a current Individual Education Plan (IEP). The IEP team, including the student, will determine the most appropriate program of classes/services. Special education teachers & staff provide instruction according to each student's IEP goals & objectives as determined by a comprehensive evaluation. Students & parents may contact their school counselor for more information.

Academic Placement

Students are enrolled in courses that best meet their academic needs. For this reason, students will often enroll in courses of differing academic levels.

Advanced Placement (AP) Courses

These courses are designed for students with a history of academic success in related demanding course work. AP courses are available in each core area. Each academic core may have a specific procedure used to determine which students will be best suited for these demanding courses. This process may include a review of:

- Teacher recommendations
- Grades (student's record/class rank)
- Writing sample and/or portfolio
- Standardized test scores (e.g. Scholastic Aptitude Test)

AP courses are weighted. Students are strongly encouraged to take the AP exam.

If the AP exam is not taken, the AP course name will be changed to Honors. The course remains weighted.

Honors Courses

These courses are designed for students with a history of academic success in related course work. Honors courses are available in various core areas. For grades 9 and 10, Honors courses are the most academically demanding courses offered at MAUHS. In grades 11 and 12, the most academically challenging courses are AP courses, when available. Each academic core has a specific procedure to determine which students would be best suited for these courses. This process may include a review of:

- Teacher recommendations
- Grades (student's record/class rank)
- Writing sample and/or portfolio
- Standardized test scores (e.g. Scholastic Aptitude Test)

A-Level Courses

These courses are designed to support preparation for 4 year college study. A-Level courses are designated as such in classes that fit this designation, but are listed as academic are: unified science, biology, chemistry & social studies. Students are placed into A-Level courses by teacher recommendation & review of grades.

B-Level Courses

These courses are designed for students preparing for education at 2 year/four-year institutions, or technical education programs. B-Level courses are designated as such in Humanities & Mathematics. Not all academic areas are designated as B-level courses, & some are a combination of A and B levels (i.e. unified science, biology, & social studies). Students are placed into B-Level courses by teacher recommendation & review of grades.

C-Level and Applied Level Courses

These courses are designed for students preparing for 2 year school, technical education programs, or employment. These courses offer supportive academic environments & have low student/teacher ratio. The courses focus on in-class assignments & real world experiences. Students gain skills to promote further education or future employment. Placement into these courses is by teacher recommendation & review of grades.

If a student would like to enroll in an academic level that is not supported by teacher recommendations, past grades, & other supporting materials, they can discuss their request with their school counselor. It is not recommended that a student enroll in a course that seems to be clearly more demanding or less demanding than their academic history would support. However, if the student or family wishes to pursue their decision to enroll in such a course, a meeting with the school counselor, recommending teacher, & core leader will be held. If the situation is still unresolved, the student and parent/guardian can appeal to the school administration.

Once a student enrolls in a course it may be difficult to transfer into a different class. Students are not released from a class due to dissatisfaction with assignments or work. If a student is placed in an inappropriate academic level, a meeting with the student's school counselor, parent, current teacher, & if possible, a new academic level teacher, is arranged to consider a schedule change. This should occur early in the academic semester. **A grade of 75 percent or lower in an honors course could result in such a review.**

Course Descriptions: MAUHS courses are continually being updated to meet student needs. Course descriptions are as accurate as possible. Course offerings are listed in this program of studies however, new courses & courses in specialized programs may be omitted. Student needs & other factors affect course offerings. Having a course listed & described here does not mean it will be offered/available to all students. Courses that are being developed may become available even if they are not listed/described here. In providing course descriptions, care has been taken to be accurate. However, clerical errors may occur that change the meaning, intent or other facts of a course. Course descriptions are those approved by the MAUHS Education Committee and the school board. Any errors in this document will not supersede the actual intent of the course.

ART

All Courses listed in this section meet the Mount Anthony Union High School Art requirement. Music courses listed in the Music section also meet the art requirement. Additional courses that fill this requirement are Graphic Technology, Quilting 1 & Quilting 2. SB Quilting can be taken twice to fill the requirement. **50 minute Art courses in SB Calligraphy, SB Chorus & SB Symphonic Band can be used to meet the Art requirement.**

610 Art 1 Basic Drawing & Design: A studio workshop where students explore basic design principles. Instruction will focus on increasing the student's powers of observation & his/her ability to draw & create. Included will be identification of basic forms, an understanding of space, color theory & mixing, & fundamentals of two-dimensional design. There will also be discussion of artists & their works through slides, videotapes & prints. Sketchbook required.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

612 Art 2 Exploration of Media: During this course, basic drawing & design skills are developed & increased in range through a variety of advanced techniques & media. This course will include: object drawing in pencil to develop a student's power of observation & expansion of these object drawings into conceptual works in color. Some basic art appreciation & history is included. Sketchbook required. **Prerequisite:** Art 1

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

614 Art 3 Visual Concepts: Students will develop visual concepts through techniques of art movements & ideas that mirror human development in various fields. The awareness that art expresses human ideas & feelings should encourage students to explore directions of self-expression. **Prerequisite:** Art 2

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

616 Art Seminar: Students will consult with the art instructor to determine a program & materials. The instructor will provide direction & supervision. However, students must be able to work independently. Periodic conferences with the instructor are held for students to present work completed. **Prerequisite:** Art 3 & teacher approval.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

618 AP Art Drawing & Studio: Students will prepare a portfolio to be submitted to ETS in Princeton, NJ, for AP credit. A portfolio is organized during the spring semester. All students taking this course are expected to take the AP Studio Art exam in May. An AP fee is required before the portfolio is assembled. This course is recommended for students planning a career in art. **Prerequisite:** Portfolio Review by Art Department & teacher approval.

1 YEAR NUMERICAL (weighted) 1.5 CREDITS

Grades 11 - 12

621 Calligraphy 1 & 2: Calligraphy 1: Introduction to the principles of hand lettering, featuring Chancery Cursive, an Italic hand & an introduction to Versal letters. The objective is to improve personal handwriting, spatial skills & historical awareness. **Calligraphy 2:** Introduction to the Gothic alphabet & advancement of composition, ornamental design & writing.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

623 Calligraphy 3 & 4: Calligraphy 3: A thorough review of Chancery Cursive & the work of Calligraphy 2. Introduction to advanced calligraphic concepts & styles, & an introduction to Uncial lettering. **Calligraphy 4:** Individualized advanced writing work using Calligraphy 1-3 as foundations. Some writing on materials other than paper will be featured (i.e. wood, clay, plastic). Extemporaneous creative writing will be explored in prose & poetic forms. **Prerequisite:** Calligraphy 1 & 2 and instructor's approval.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

634 Ceramics 1: Introduction to working with clay. The course will emphasize the three basic hand-building methods: pinch, coil & slab. These methods will be used to create objects, both functional & sculptural, of the student's own design. In addition, students will learn glazing techniques & basic wheel throwing. *A sketchbook is required.*

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

For more information regarding Art courses, please visit:
<http://www.mauhigschool.com/programs/art.shtml>

635 Ceramics 2: The student will do complex & thoughtfully designed projects, a professional level of craftsmanship will be expected. Students will develop a personal style. *A sketchbook is required.* **Prerequisite:** Ceramics 1.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

636 Ceramics 3: This advanced ceramics course is partially developed by the student in consultation with the teacher. There will be an emphasis placed on professional craftsmanship & rate of production. Students will learn to mix glazes from scratch & load & fire kilns. Students must be able to work independently. *Sketchbook is required.* **Prerequisite:** Ceramics 2 & teacher approval.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

638 Ceramics Seminar: Students will consult with the instructor to determine a program. The instructor will provide direction & supervision. Students must be able to work independently in the areas of ceramics or sculpture. Periodic conferences with the instructor are held for students to present work completed & could include developing a portfolio. *A sketchbook is required.* **Prerequisite:** Ceramics 3 & Art 1 or teacher approval.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

650 Calligraphy Seminar: This course develops freehand extemporaneous writing in handwriting styles from Calligraphy 1 -4. Exploration of the meaning of calligraphy in reference to art will be developed via in-depth, independent projects. **Prerequisite:** Calligraphy 3 & 4 and instructor's approval.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 11 - 12

660 Sculpture: This course explores figurative & abstract non-functional forms. The emphasized medium will be ceramics. There will be some limited opportunity to work with metal, plaster, wood, paper, & stone. Assignments will reflect classic 3-dimensional design elements. *A sketchbook is required.* **Prerequisite:** Ceramics 1 & teacher approval.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

683 Black & White Photography: An introduction to the use of the camera, film exposure & basic dark room skills. This includes film & print development, editing, mixing, storing & using chemicals, & presentation skills. The course will also cover a brief history of black & white photography. 35 mm camera is required. **Prerequisite:** Art 1 or teacher approval.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

CDC

18 Engineering and Design 1: FULL YEAR fulfills 1 art requirement **Grades 11 - 12**

65 & 66 Theater Arts 1 & 2: FULL YEAR completion of 2yrs. fulfills 1 art cr. **Grades 9 - 12**

See CDC Program of Studies

MUSIC

Courses listed in this section meet the MAUHS Art requirement. Additional courses that fill this requirement are: Graphic Technology, and Quilting 1 & Quilting 2. *Note: SB Quilting can be taken twice to fill the requirement. Engineering 1 & Theater Arts 1 & 2 have embedded Art credits. 50 minute art & music courses such as SB Calligraphy, SB Chorus & SB Symphonic Band can be used to meet the Art requirement.*

704 Drumming: Students will learn how to read music, develop proper technique, & explore different drumming styles. Students will start with drum pads & progress to snare drum & drum set. Basic skills of hand drumming will also be taught. Students will be graded on demonstration of proper techniques, rhythmic exercises, & basic drum beats.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

713 Music Theory & Composition: This is a course exploring the elements of music & how they are put together. The focus of this course is songwriting. Students will be creating their own songs & learning to read & write music. Students planning on majoring in music in college will need to have this course. Students will use computers, Sibelius2 music program & be a part of the Vermont Midi Project.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

705 Introduction to Guitar & Keyboard: This semester-long course is intended for the student desiring to learn the basics of both the guitar & the keyboard. The course provides an introduction to standard music notation & music terminology as it relates to both instruments. Students will learn to play single note melodies & a variety of accompaniment patterns. Students will enjoy playing a variety of songs in a variety of styles. Grades are based on preparation, practice & class participation & weekly in-class performances. There will be both written & playing mid-term & final exams. The semester would be divided into 4 units: 1.) Intro. to music reading & basics of both instruments; 2.) Students choose keyboard or guitar to focus on for 4 weeks; 3.) Students switch to the other instrument for 4 weeks; and, 4.) Students select which instrument to continue to work on for the rest of the semester to become more proficient.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

3130 SB Chorus: This year-long course is a performing ensemble with a minimum of four mandatory performances per year. Concert music is selected from various historical time periods including Renaissance, Classical, Romantic, Contemporary, & Pop. Development of proper vocal techniques, with a focus on basic music elements will be explored. Included with vocal & musical development are mandatory rotating group vocal lessons. Qualified students are eligible to audition for Vermont Green Mountain Music District, All-State & New England Music Festivals. Concert performances for these prestigious opportunities are held in March & May. Every spring semester the Music Department ensembles travel to music competitions & festivals; fund-raising is necessary. Grades are based on class, lessons & performance attendance. There will be written exams in January & June.

1 YEAR NUMERICAL 1 CREDIT

Grades 9 - 12

3550 SB Symphonic Band: This is a performance based class. Students are required to perform at home football games, town parades, concerts, band camp, graduation, & on awards nights. Students will be issued a uniform & some instruments are available. The band travels occasionally to perform in music festivals throughout the district, state & New England. **Prerequisite:** Consent of instructor or a previous year in school band program.

1 YEAR NUMERICAL 1 CREDIT

Grades 9 - 12

For more information regarding Music courses visit:
<http://www.mauhighschool.com/programs/music.shtml>

English Literature & Composition

The purpose of English Literature & Composition studies is to help students learn to read critically to write & speak clearly, thoughtfully, and correctly; to listen intelligently; to appreciate good literature & worthwhile current publications; and to understand the evolution, structure, & function of the English language.

Humanities Program

Humanities courses are year-long, and are team taught by one English Literature & Composition teacher and one Social Studies teacher. This program is suitable for students intending to continue their formal education after high school. Students will be required to complete two summer reading books that they choose from the book list & to complete one project for one of their books from the assessment activities list. Work with poetry, drama, short literary pieces, grammar, & vocabulary is ongoing. An average of 30 minutes per evening of English Literature and Composition homework is expected of the students in this program.

English Literature & Composition Advanced Placement Program

Students accepted into the junior year AP Language & Composition course and the senior year Literature & Composition course are dedicated to the study of literature & the English language, accomplished writers, analytical readers & critical thinkers. They are required to complete additional summer reading & writing requirements & are expected to complete the AP exam in the spring. The junior AP Language & Composition course meets for 90 minutes each day first semester & for 45-minutes second semester.

English Literature & Composition Honors Program

Students in English Literature & Composition Honors classes will have demonstrated advanced reading, writing & critical thinking skills. Course study includes:

- Extensive in-class & out-of-class reading include summer reading assignments & several novels, plays, poems & other background or critical materials.
- Bi-weekly writing assignments.
- Regular oral reports, individually or in panels.
- Essay tests to demonstrate critical abilities and understanding of works covered in class.
- Comprehensive final exams.
- On-going work with higher order vocabulary, spelling and grammar.
- Timed writes at teacher discretion.

Once a student has enrolled in an advanced level section, schedule restrictions make it difficult to transfer to a less demanding section during the school year. Students will not be released from the section because of dissatisfaction with the degree of difficulty of assignments and work.

In some situations, students may find themselves placed in an academic level that is not appropriate for them. In these situations, a meeting with the student's school counselor, parent, current teacher, and if possible, a new academic level teacher, can be arranged to consider the possibility of a schedule change. This process should occur as early in the academic semester as possible. **A grade of 75% or lower in an honors course could result in such a review.**

A detailed description of the English Literature and Composition Honors and Advanced Placement process for academic-level change is available from your school counselor or the English Literature and Composition Department head teacher.

101 Eng. 9 Honors Lit. & Comp. Humanities is taught in conjunction with 0460 SS 1 World History 9 Honors Humanities 4 M BCE-1400 CE: This course includes a chronological examination of selected classics in literature that begins with early writings & continues through the Renaissance. The course is closely interwoven with the historical context provided by the required companion course. Students enrolled in this course will be expected to read two books over the summer & complete one project from the assessment activities list, earns 1 credit each in SS 1/World Studies Honors & Eng. 9 Honors Lit. & Comp. **Prerequisite:** Placement Committee recommendation. Earns credits in SS1 World History Academic and English 9 Honors Literature & Composition (1credit each).

1 YEAR NUMERICAL 2 CREDITS

Grade 9

111 Eng. 10 Honors Lit. & Comp.: Course emphasis is on the study of world literature with a focus on postcolonial themes, gender dynamics, class struggle & globalization. Readings include literature from Africa, Asia, & Latin America. Classics will be used to examine how the human spirit contends with external and internal challenges. Literary analysis begins with an examination of text for diction, imagery, sentence structure, syntax, language & details. Students will be expected to complete 3 summer reading texts & compute assigned work related to these texts. Assignments are available from the Lit. & Comp. Department Head Teacher. **Prerequisite:** Placement Committee recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 10

120 AP Eng. 11 Lang. & Comp.: This course will emphasize the expository, analytical & argumentative writing forms that are the basis of academic and professional communication. Emphasis is on American literature (in accordance with the VT Framework), but additional works will be included. Students will read & analyze prose written in a variety of periods, disciplines & rhetorical contexts. This course also develops skills in argumentation, rhetoric, persuasion, & style analysis. The course meets for 90 minutes each day in the first semester, & 45-minutes in semester 2. The focus in semester 2 is preparation for the AP exam. It is expected that each student takes the AP exam in May. Students will be expected to complete summer reading texts & assigned work. Assignments are available from the Lit. & Comp. Department Head Teacher. **Prerequisite:** Placement Committee recommendation.

1 YEAR NUMERICAL (weighted) 1.5 CREDITS

Grade 11

124 Eng. 11 Honors Lit. & Comp.: This is a rigorous course for serious, highly motivated students that focus on American literature. It will engage students in becoming skilled readers of prose written in a variety of disciplines, periods & rhetorical contexts. Students will write for a variety of purposes & forms: narrative, exploratory, expository, & argumentative & on a variety of subjects from personal experiences to public policies, from imaginative literature to popular culture. Students will be expected to complete summer reading texts & assigned work. Assignments are available from the Lit. & Comp. Department Head Teacher. *This course differs from the 11 AP course in that it requires less summer reading, students will not take the second semester, 45-minute review course, it is not weighted, students are not expected to take the AP exam in the spring, & less emphasis may be placed on nonfiction literature.* **Prerequisite:** Placement Committee recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 11

131 AP Eng. 12 Lit. & Comp.: This course focuses on British literature & emphasizes the writing of college level critical/analytical papers with in class impromptu pieces & longer polished papers. All students taking this course are expected to take the AP Lit. & Comp. exam in May. It is recommended that students taking this course also take the 12th Grade AP Literature 45 minute review class during the spring semester. This course builds upon the skills students have developed in AP English 11 Honors & adds poetry analysis & interpretation. Students taking this course complete 1 credit in the fall semester & have an optional review in the spring semester for an additional 0.5 credits. It is expected that the AP exam will be taken in May. Students will be expected to complete summer reading texts & assigned work. Assignments are available from the Lit. & Comp. Department Head Teacher. **Prerequisite:** Placement Committee recommendation.

1 SEMESTER NUMERICAL (weighted) 1 CREDIT

Grade 12

134 Eng. 12 Honors Lit. & Comp.: This survey of British Literature is intended for highly motivated students with excellent reading & writing skills & enthusiasm for literature. It includes extensive reading assignments covering all major British periods, movements, & writers. Impromptu & polished writing assignments will focus upon literacy criticism that demonstrates close reading, analytical skills, & the ability to connect ideas. Students will be expected to complete summer reading texts & assigned work. Assignments are available from the Lit. & Comp. Department Head Teacher. **Prerequisite:** Placement Committee recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 12

For more information regarding English courses visit:

<http://www.mauhighschool.com/programs/english.shtml>

ENGLISH LITERATURE & COMPOSITION A-LEVEL

The Literature A program is designed for college preparatory students. Students will be required to read two summer reading books chosen by them from the book list & to complete one project from the assigned lists. During the semester, students will be expected to read a minimum of five full-length novels &/or plays, as well as complete eight formal writings. Work with poetry, drama, short literary pieces, grammar, & vocabulary will be ongoing. An average of 40 minutes per evening of homework will be expected of the students in this program.

ENGLISH 9A LITERATURE & COMPOSITION HUMANITIES: 4 M BCE-1400 CE

Humanities 9 is offered as a grade 9 college preparatory Literature A course. This Humanities interdisciplinary program is a chronological approach to the study of literature & Social Studies. Pairs of teachers from these disciplines teach the same students. Course focus is on connections between literature & history in ancient & medieval eras of world history. Students will be expected to complete summer reading texts & assigned work. Assignments are available from the Literature & Composition Department Head Teachers.

102 Eng. 9A Lit. & Comp. Humanities & (0461) SS1 World History Humanities: Earns credits in SS1 World History Academic & Eng. 9 Lit. & Comp. (1 credit each). *Prerequisite:* Middle school recommendation. Students are expected to complete summer reading texts & assigned work. Assignments are available from the Lit. & Comp. Department Head Teachers.

*1 YEAR NUMERICAL 1 ENGLISH CREDIT
1 SOC. ST. CREDIT*

Grade 9

112 Eng. 10A Lit. & Comp.: Includes the study of world literature with emphasis on literary genres & the research paper. Literary analysis is stressed. Students will be expected to complete summer reading texts & assigned work. Assignments are available from the Lit. & Comp. Department Head Teacher.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 10

117 Eng. 10A Lit. & Comp. Humanities: Students explore the interrelated forces that shape regional cultures & guide global interactions. Literature, the social sciences, & the arts add to students' understanding of Africa, Asia, the Americas & Europe. Earns credits in (0473) SS2 & English Lit. & Comp. 10A. Students will be expected to complete summer reading texts & assigned work. Assignments are available from the Lit. & Comp. Department Head Teacher.

*1 YEAR NUMERICAL 1 ENGLISH CREDIT
1 SOC. ST. CREDIT*

Grade 10

121 English 11A Lit. & Comp. Humanities: This course offers students a dual perspective, both literary & historical, on the emergence of the United States as a world power. The focus is on the major literary movements, eras, events, & figures of America are past & present. Earns credit in (0483) SS3 US History & English Lit. & Comp. 11A. Students will be expected to complete summer reading texts & assigned work. Assignments are available from the Lit. & Comp. Department Head Teacher.

*1 YEAR NUMERICAL 1 ENGLISH CREDIT
1 SOC. ST. CREDIT*

Grade 11

122 Eng. 11A Lit. & Comp.: Course concentrates on American Literature. Literary analysis is stressed. Students will be expected to complete summer reading texts & assigned work. Assignments are available from the Lit. & Comp. Department Head Teacher.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 11

132 Eng. 12A Lit. & Comp.: Course concentrates on the literature of England. Development of college-level writing skills is emphasized. Students will be expected to complete summer reading texts & assigned work. Assignments are available from the Lit. & Comp. Department Head Teacher.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 12

139 Eng./Lang. Arts Strategies Courses:

English/Language Arts Strategy courses are designed for students who need to strengthen reading, writing, & study skills for future core classes. These courses are intended for students who plan to continue their education in college, tech/trade schools, or post-secondary employment. This year-long course will provide one English credit. *Prerequisite:* Placement Committee recommendation.

1 YEAR NUMERICAL 1 CREDIT

Grades 9 - 12

ENGLISH LITERATURE & COMPOSITION B-LEVEL

The Literature B Program is designed for students who wish to attend a two year college or technical postsecondary programs. Students will be required to read one book from the summer reading list and to complete one project from assigned lists. Over a four-year period, courses include the study of the short story, novels, plays, poems, fiction and non-fiction, vocabulary, paragraph and composition writing, and grammar. An average of 30 minutes per evening of homework will be expected of the students in this program.

107 Eng. 9B Lit. & Comp. Humanities: 4 M BCE – 1400 C.E.: 9B Humanities is a pilot course in which strategies are embedded to assist in developing a grade-level student. This Humanities interdisciplinary program looks at the development of people through to the Renaissance, while introducing literature from various ancient time periods as well as centering on the concept of, "What is a hero?". This course will focus on connections made between literature & history as well as sentence & paragraph writing, reading, vocabulary, note-taking, & other specific development strategies. Students will be expected to complete summer reading texts with a project assessment. Earns credits in (467) SS1 & English Lit. & Comp. 9B.

1 YEAR NUMERICAL 1 ENG. & 1 SOC. ST. CREDIT

Grade 9

113 Eng. 10B Lit. & Comp.: Course emphasis is on world literature. Students will be required to read one book from the summer reading book list & to complete one project from the assigned list.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 10

123 Eng. 11B Lit. & Comp.: Course emphasis is on American literature. Students will be required to read one book from the summer reading book list & to complete one project from the assigned list.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 11

133 Eng. 12B Lit. & Comp.: Course emphasis is on British literature. Students will be required to read one book from the summer reading book list & to complete one project from the assigned list.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 12

APPLIED ENGLISH LITERATURE & COMPOSITION

This program is designed for students who need to strengthen their basic skills. It offers a concentrated study of reading, comprehension, writing, communication and decision-making skills centered on the core literature program. Homework may be assigned as necessary. Summer reading assignments are required.

110 Eng. 9 Applied Lit. & Comp.: Emphasizes ancient & medieval literature.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 9

116 Eng. 10 Applied Lit. & Comp.: Emphasis is on world literature.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 10

128 Eng. 11 Applied Lit. & Comp.: Emphasis is on American literature. Attention is given to scholastic & vocational assignments including resume & job application forms.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 11

136 Eng. 12 Applied Lit. & Comp.: Emphasis on British literature. Attention is given to scholastic & vocational assignments including the resume, application forms, & employment journals.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 12

ENGLISH 9 APPLIED LITERATURE & COMPOSITION HUMANITIES, 4 M BCE-1400 CE

This interdisciplinary, team-taught program is a chronological approach to the study of English and Social Studies. In Grade 9, students focus on connections between literature and world history in the ancient and medieval eras.

106 Eng. 9 Applied Lit. & Comp. Humanities: Earns credits in (0462) SS1 World History Applied & Eng. 9 Applied Lit. & Comp. (1 credit each).

1 YEAR NUMERICAL 1 ENG. & 1 SOC. ST. CREDIT

Grade 9

115 Eng. 10 Applied Humanities Lit. & Comp.: This interdisciplinary, team-taught course explores the interrelated forces that shape culture: literature, social sciences & arts. In grade ten, students focus on connections between literature & both world & American history. Special emphasis is placed on reading, writing & study skills. Earns one SS2 credit & one sophomore Lit. & Comp. credit.

1 YEAR NUMERICAL 1 ENG & 1 SOC. ST. CREDIT

Grade 10

For more information regarding English courses visit:

<http://www.mauhighschool.com/programs/english.shtml>

CAREER DEVELOPMENT CENTER—ENGLISH CLASSES

These classes fulfill the MAU English requirements & are available through the CDC:

56 Communications Tech 1/1419 English Communications 1

0005 Technical English 1

65 & 66 Theater Arts 1 & 2

57 Communications Tech 2/1420 English Communications 2

0008 Technical English 2

Please see CDC Program of Studies for descriptions.

FOREIGN LANGUAGE

The foreign language department offers students the opportunity to study Chinese, French, German, Latin, & Spanish. French & Spanish study can begin at the middle school level in grade seven. Students successfully completing the first year of language in the Middle School receive high school credit. Students must meet requirements in listening comprehension, speaking, reading, writing, & culture. An average of 70 or better is recommended in order to progress from one

course level to the next. If a student does not score a 70 or better, she/he will be expected to repeat the course. The foreign language department encourages active learning through exchange programs, trips to foreign countries & opportunities for study abroad. Students work with materials aligned with national foreign language standards. Each program emphasizes all language skills. It is recommended that languages be taken consecutively, when possible.

511 French 1: This is the first course in a five-course sequence of French. Students will develop the four language skills (reading, writing, listening, & speaking), as well as an understanding of Francophone cultures. **Prerequisite:** Simultaneous enrollment in B level or higher English and Math courses or approval by administration.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

512 French 2: This course is sequential to French 1. While reinforcing skills previously learned, students will continue to increase their knowledge of vocabulary, grammatical structures & Francophone culture. The focus is to improve proficiency in the four language skills: listening, speaking, reading & writing, using present & past tenses as well as vocabulary acquired through both French 1 & 2. Students are encouraged to communicate information in the target language (writing & speaking), & practice comprehension (reading & listening) in greater measure. Students are introduced to & develop an ability to express ideas in the past tense. **Prerequisite:** French 1 with at least a 70 %.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

513 French 3: This course is sequential to French 2. Previously learned skills continue to be reinforced, while language structures of increasing complexity are presented. The focus is on use of additional tenses learned in this course, such as future, conditional & compound tenses. There is more opportunity to practice & improve all four language skills as students increase language proficiency. **Prerequisite:** French 2 with at least a 70 %.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

514 French 4: This class features vocabulary & grammar review along with acquisition and presentation of complex structures across the four areas of listening, reading, speaking, & writing. Students will be presented increasingly difficult material in various forms, such as news articles, poems, films & short stories. Their writing & speaking practice will be based on their reactions & discussions of themes from these materials. This class is conducted as much as possible in the target language with the goal of improving proficiency. **Prerequisite:** French 3 with at least a 70 %.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11 - 12

515 French 5 Honors/AP Option: This course emphasizes the use of French for active communication & is conducted in the target language. This class features new, complex structures in grammar & vocabulary acquisition for use across all four areas of listening, reading, speaking, & writing. Students will read extracts from anthologies of French culture & literature, & will choose a study project outside of class. French 5 students also prepare for the Achievement Exam, Listening Achievement & AP exams. Materials used in the course include recordings of native speakers, video, authentic literature, AP practice tests & newspapers. It is strongly recommended that the student take the AP exam in May. **Prerequisite:** French 4 with at least a 70 %.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11 - 12

521 German 1: This is the first in a five-course sequence of German. This course introduces basic language structures, skills & vocabulary to students on an intense level. Students will develop the fundamentals of the four language skills: reading, writing, listening, & speaking, as well as a basic understanding of the culture of German speaking countries. **Prerequisite:** Simultaneous enrollment in B level or higher English & Math courses or approval by administration.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

522 German 2: This course is sequential to German 1. While reinforcing skills previously learned, students will continue to increase their knowledge of vocabulary, grammatical structures & culture of German speaking countries. The focus is to improve proficiency in the four language skills: listening, speaking, reading & writing; using present, past & future tenses. **Prerequisite:** German 1 with at least a 70 %.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

523 German 3: This course is sequential to German 2. Previously learned skills continue to be reinforced, while language structures of increasing complexity are presented. The focus is on use of additional tenses learned in this course, such as conditional and compound tenses. There is more opportunity to practice & improve all four language skills as students increase language proficiency. **Prerequisite:** German 2 with at least a 70 %.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

For more information regarding Foreign Language courses visit: http://www.mauhighschool.com/programs/foreign_language.shtml

524 German 4: This advanced language course provides students with a deeper insight into contemporary German culture as well as an introduction to German/Austrian history through literature. Two literary works will be read & will serve as a basis for many discussions, role plays, free writes, & cultural projects. The class is taught exclusively in German & all students are constantly involved in reading, writing, listening, & speaking. Each activity is aimed to give students the opportunity to refine their grammar skills & increase their vocabulary. **Prerequisite:** German 3 with at least a 70 %.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11 - 12

525 German 5: This advanced language course is taught exclusively in German & prepares the student to speak, write & understand the language on a sophisticated level. The class focuses on the history of Germany from 1925 until today. The students will read two books through which they will gain a deeper insight into the events of the Second World War & its consequences for the German people & also learn about the two separated German states. In addition to the literary works, movies, film documentaries, guest speakers, newspaper articles & poems will provide a basis for many discussions, role-plays, free writes, & cultural projects. All students are constantly involved in reading, writing, speaking & listening. Each activity is aimed to give them the opportunity to refine their grammar skills & increase their vocabulary. This class is combined with German 4. **Prerequisite:** German 4 with at least a 70 %.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11 - 12

531 Latin 1: This first semester of Latin consists of learning the basic structure of the language, with emphasis on grammar, vocabulary & English derivatives. Mastery of these basics is complemented by cultural material concerning the ancient Romans from library research, video and abridged readings from Latin writers. **Prerequisite:** Simultaneous enrollment in B level or higher English and Math courses or approval by administration.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

532 Latin 2: This course is sequential to Latin 1. While reinforcing previously learned skills, students will continue to increase their knowledge of vocabulary & grammatical structures, especially the use of past tenses & additional declensions. Students learn cultural material from library research, video, & abridged readings from Latin writers. **Prerequisite:** Latin 1 with at least a 70 %.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

541 Spanish 1: This is the first course of a five-course sequence of Spanish. This course introduces basic language structures, skills & vocabulary to students. Students will develop the four language skills (reading, writing, listening, & speaking) as well as an understanding of Hispanic culture. **Prerequisite:** Simultaneous enrollment in B level or higher English and Math courses or approval by administration.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

542 Spanish 2: This course is sequential to Spanish 1. While reinforcing skills previously learned, students will continue to increase their knowledge of vocabulary, grammatical structures & Hispanic culture. The focus is to improve proficiency in the language in the areas of listening, speaking, reading, & writing, using present & past tenses and vocabulary acquired through both Spanish 1 & 2. **Prerequisite:** Spanish 1 with at least a 70 %.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

543 Spanish 3: This course is sequential to Spanish II. Previously learned skills continue to be reinforced, while language structures of increasing complexity are presented. The focus is on use of additional tenses such as future, conditional & compound tenses. There is more opportunity to practice & improve all four language skills as students increase language proficiency.

Prerequisite: Spanish II with at least a 70 %.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

544 Spanish 4: In this course, students continue with the study of grammar, focusing on present subjunctive, & imperative forms. The class is conducted almost entirely in the target language with the goal of improving oral & written proficiency. In order to broaden their understanding of Hispanic cultures, students will do an extensive study of Hispanic art or history & are expected to read literary works of various genres. Preparation for the SAT Subject Test & AP tests begins in this course.

Prerequisite: Spanish 3 with at least a 70 %.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11 - 12

545 Spanish 5 Honors/AP Option: This course emphasizes the use of Spanish for active communication & is conducted entirely in the target language. Students continue with the study of advanced grammar, focusing on past subjunctive & fine points of the Spanish language. During the course, students refine the four language skills in preparation for the SAT Subject Test & Advanced Placement exams. Cultural components for this course are the same as Spanish 4: art, history & literature of the Hispanic world. Materials used in the course, in addition to those that accompany the textbook, include recordings of native speakers, films, music, AP practice tests, newspapers & magazines. The course is offered second semester so as not to conflict with core area AP courses. It is strongly recommended that the student take the AP exam in May. **Prerequisite:** Spanish 4 with at least a 70 %.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 12

550 Chinese 1: This is the first of a sequence of two intense courses of Mandarin Chinese. It emphasizes the basic language skills of speaking, listening, reading, & writing. Students learn to read & write simplified characters, recognize traditional characters, & use the Pinyin Romanization. While learning to communicate in Mandarin, the students also study the culture & history of the East Asian world, focusing mainly on China but also looking at its interrelations with Korea & Japan.

Prerequisite: Simultaneous enrollment in B level or higher English and Math courses or approval by administration.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

551 Chinese 2: Sequential to Chinese 1, this course focuses on further developing the skills of speaking, listening, reading, & writing. More complex sentence structures will be studied & applied in all aspects of the language. The culture & history of South East Asia are continuously interwoven with the language themes. **Prerequisite:** Beginning Mandarin Chinese 1 with at least a 70 %.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

For more information regarding Foreign Language courses visit:
http://www.mauhighschool.com/programs/foreign_language.shtml

SOCIAL SCIENCES

Three specific Social Studies courses are required for graduation. Courses and units are developed around Vermont's Framework of Standards for History and Social Science. These courses are offered in four levels: Advanced Placement, Honors, Academic and Applied. Electives are offered for students in grades 11 and 12 who have completed SS1, SS2 and SS3.

SOCIAL STUDIES 1 WORLD HISTORY, 4M BCE – 1400 CE

This survey course is a study of human change & continuity over time. The course examines classical & traditional civilizations around the world. These include Greece, Rome, China & other regions. Students will learn the internal dynamics & relationships between & across cultural areas from classical times to the beginning of the first global age. In this manner, students explore traditions that continue to influence the world.

460 SS1 World History Honors Humanities: This interdisciplinary program includes a chronological examination of literary classics & complements the historical context provided by a required companion course, (0101) English 9 Honors Lit. & Comp. Humanities. Related papers & projects are assigned to improve organizational & logical development skills. Literature & writing assignments will address vocabulary, spelling & grammar. A major term paper is required. *Earns credits in 0460 SS1 Honors World History & 0101 Eng. 9 Honors Lit. & Comp. Humanities. (1 credit each).* **Prerequisite:** Placement Committee recommendation.

1 YEAR NUMERICAL 1 ENG. & 1 SOC. ST. CREDIT

Grade 9

0462 SS1 World History Applied Humanities: This course is part of an interdisciplinary program providing a chronological approach to literature & social science, taught by a pair of teachers from these disciplines. Students will focus on the connections between literature & history. Emphasis is placed on reading & comprehension skills in the content areas. Supplementary materials will accompany the basic text. *Earns credits in 0462 SS1 World History Applied & 0106 Eng. 9 Applied Lit. & Comp. Humanities (1 credit each).* **Prerequisite:** Teacher recommendation.

1 YEAR NUMERICAL 1 ENG. & 1 SOC. ST. CREDIT

Grade 9

461 SS1 World History Academic Humanities: This course is part of an interdisciplinary program providing a chronological approach to literature & social studies, & is taught by a pair of teachers from these disciplines. Students will focus on the connections between literature & history. *Earns credits in 0461 SS1 Academic World History & 0102 Eng. 9 A Lit. & Comp. Humanities (1 credit each).* **Prerequisite:** Placement Committee recommendation.

1 YEAR NUMERICAL 1 ENG. & 1 SOC. ST. CREDIT

Grade 9

463 SS1 World History Academic: This course will cover classical civilizations to the 16th century, examining classical & traditional civilizations around the world. These include Greece, Rome, China and other regions. Students will learn the internal dynamics & relationships between & across cultural areas from classical times to the beginning of the first global age.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 9

For more information regarding Social Studies courses visit: http://www.mauhighschool.com/programs/social_studies.shtml

464 SS1 World History Applied: This course will emphasize reading & comprehension skills in the content area. Supplementary materials will accompany the basic text. **Prerequisite:** Teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 9

SOCIAL STUDIES 2: WORLD HISTORY, 1400 CE to 1850

This second-year required course focuses on themes of revolution & imperialism to investigate the formation of the modern world. It begins with the emergence of the first global age with transoceanic exchanges, the Age of Enlightenment & political revolutions in the Americas & Europe. It continues with examination of agricultural & industrial revolutions of the 18th and 19th centuries, including the U.S. Civil War, the age of western imperialism in the Americas, Europe, Africa and Asia, & shifting relationships culminating in World War I.

427 AP European History: the study of European history since the year 1450 lays the foundation for the modern world. It introduces students to the politics, economics, & societal changes that form the world in which they live. As an alternative to the 10th grade Honors History, this course, AP European History would have students learn the same curriculum as other 10th grades but at a more intense level. They will understand the major themes of Modern European History, analyze & interpret historical evidence & documents, & enhance their ability to express historical understanding through writing. Many public high schools across the nation offer AP European History which allows for students to become familiar with the rigors of a highly academic course, improve their reading, writing & problem solving skills, & finally prepare themselves to compete with other high school students & gain entry into college. AP European History would increase the options for academically driven students at MAUHS. For more specific course requirements visit the College Board website for the official class description.

YEAR LONG NUM. (weighted) 1 Soc. St. & 0.5 ELECT. CR.

Grade 10 (or by teacher recommendation)

470 SS2 World History Honors: This course explores events, people, times, & places that have had a significant impact on the history of the world & helps students understand change & continuity over time. Students will develop analytical skills through extensive use of primary & secondary sources. **Prerequisite:** World History and teacher recommendation.
1 SEMESTER NUMERICAL 1 CREDIT

Grade 10

471 SS2 World History Academic: This course is designed for students planning to attend a two or four-year college. **Prerequisite:** World History.
1 SEMESTER NUMERICAL 1 CREDIT

Grade 10

472 SS2 World History Applied: This course emphasizes reading & comprehension skills while studying the time period for SS2 World History. Supplementary materials accompany the basic text. **Prerequisite:** World History AND teacher recommendation.
1 SEMESTER NUMERICAL 1 CREDIT

Grade10

473 SS2 World History Academic Humanities:
See 117 English 10A Literature and Composition for description.

474 SS2 World Applied Humanities:
See 115 English 10 Applied Humanities for description.

SOCIAL STUDIES 3: UNITED STATES HISTORY 1776—Present

This third year of required Social Studies emphasizes political, economic, social & cultural systems of the United States & related global developments & interrelationships. Study of twentieth century American & world history will examine the emergence of the U.S. as a global power & its connection with such global issues as human rights, nationalism, trade, & the environment. Topics of study include World War I, the Great Depression, the Cold War, social revolutions, & globalization. The textbook will be supplemented by other sources, both primary & secondary. Emphasis is placed on the written & oral expression of ideas through informational papers, book reviews, seminars, simulations, debates, & video presentations.

420 SS3 AP United States History: The AP course in United States History is designed to provide students with the analytic skills & factual knowledge necessary to deal critically with the problems & materials in United States history. The program prepares students for intermediate & advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials-their relevance to a given interpretive problem, their reliability, their importance & to weigh the evidence & interpretations presented in historical scholarship. This course develops the skills necessary to arrive at conclusions on the basis of an informed judgment & to present reasons & evidence clearly & persuasively in essay format. The textbook is supplemented by other sources, both primary & secondary. Emphasis is placed on written & oral expression using reaction papers, reviews of self-guided outside readings, seminars, debates, & simulations. The course meets for 90 minutes each day fall semester & a 45-minute class spring semester. Spring semester will include a more intense preparation for the AP exam. **All students taking this course are expected to take the AP U.S. History exam in May.** **Prerequisite:** SS1, SS2, & teacher recommendation. This course satisfies year 3 of a 3-year SS requirement.

1 YEAR NUMERICAL 1 SOC. ST. & 0.5 ELECTIVE CR.

Grades 11 - 12

480 SS3 U.S. History Honors: This U.S. History honors course examines the history of the United States through a study of the cultural & intellectual forces that have shaped the American character. The approach is chronological. The textbook is supplemented by other sources, both primary & secondary. Emphasis is placed on the written & oral expression of ideas through research papers, book reviews, seminars, debates & video presentations. **Prerequisite:** SS1, SS2 and teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 11

482 SS3 U.S. History Applied: This course emphasizes reading & comprehension skills while studying the history of the United States. Supplementary materials accompany the basic text. **Prerequisite:** SS1, SS2 and teacher recommendation.
1 SEMESTER NUMERICAL 1 CREDIT

Grade 11

0483 SS3 U.S. History Academic Humanities:
See 0121 Humanities 11A for full description.

481 SS3 U.S. History Academic: This U.S. History course acquaints the student with the common experiences that bring Americans together, while also exploring the diverse experiences that make American life rich & varied. The course is a chronological approach with several important themes: growth of national unity, the diversity of population & the development of democratic institutions. **Prerequisite:** SS1 and SS2 and teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 11

**For more information regarding Social Studies courses visit:
http://www.mauhighschool.com/programs/social_studies.shtml**

SOCIAL SCIENCE ELECTIVES

426 SS AP World History: The AP World History course develops understanding of the evolution of global processes & contacts, in the interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge & appropriate analytical skills. The course highlights the nature of changes in international frameworks & their causes & consequences, as well as comparisons among major societies. Additionally, the course builds on an understanding of cultural, institutional, & technological precedents that, along with geography, set the human stage prior to 1000 CE. Specific themes provide further organization to the course, along with the consistent attention to contacts among societies that form the core of world history. The course meets for 90 minutes each day fall semester & a 45-minute course spring semester. Spring semester will focus on a more intense preparation for the AP exam. All students taking this course are expected to take the AP World History exam in May. *Prerequisite:* SS1, 2 and 3.

1 YEAR NUM. (weighted) 1 SOC.ST. & 0.5 ELECT. CR.

Grade 12

441 SS Psychology: This course is designed to acquaint students with the basic theories & concepts of psychology while applying them to a better understanding of themselves & others. Topics included are developmental psychology from prenatal stages through old age, perception, states of consciousness, learning & conditioning, emotion & motivation, memory, personality & mental illness. Students are introduced to the teachings of Freud, Erikson, Rogers, Piaget, Pavlov, Skinner & others. A variety of learning activities are used in the classroom. Students are also required to complete weekly assignments on psychological issues of their choice. *Prerequisite:* SS 1 and 2.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11 - 12

431 SS Contemporary Global Issues: This course provides a thematic study of current issues in the United States & worldwide. Issues will include the federal budget, crime & security, education, health care, immigration, poverty, terrorism, the global environment, international trade, weapons proliferation & defense. Students will experience a variety of learning activities including debates, simulations, mapping, research assignments, guest speakers & field trips. *Prerequisites:* SS 1 and SS2.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11 - 12

FAMILY AND CONSUMER SCIENCES

Family and Consumer Sciences Education empowers individuals & families across the life span to manage the challenges of living and working in a diverse, technical and global society. (<http://www.aafcs.org>)

803 Quilting, Sewing, & Needle Arts: This course offers students the chance to be creative in the historical art forms of quilting, & sewing, as well as using colors, textures & various craft materials, while exploring the tools & technologies available for personal & career use. This course can be taken more than once for multiple credits. *Fulfills art requirement.*

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

For more information regarding Family & Consumer Sciences visit:
http://www.mauhighschool.com/programs/family_consumer_science.shtml

HEALTH

The goal of Health Education is to create awareness among students of the importance of preventative health maintenance. This course will attempt to establish patterns of living that will discourage negative health behaviors & enhance the concept of "wellness."

1120 Health: The mission of health education is to promote healthy behaviors that will help young people acquire the knowledge & skills for a lifetime of wellness. We have the opportunity & responsibility as a school to help students develop the knowledge & skills they need to be healthy & achieve academically. Our curriculum is standards-based, developmentally appropriate, & respectful of current social needs & issues. Some of the content areas that will be addressed & aligned with this skills-based curriculum are: Alcohol, Tobacco, & Other Drugs; Disease, Violence, & Injury Prevention; Nutrition & Physical Activity; Personal Health Concepts (Family, Social, Mental & Sexual); & Community, Environmental & Consumer Health.

1 Quarter (90 minutes daily) NUMERICAL 0.5 CREDIT

Grades 10 - 12

For more information regarding Health courses visit:
<http://www.mauhighschool.com/programs/health.shtml>

PHYSICAL EDUCATION

The Physical Education program is designed to develop the student as a "total person." Physical, mental, & social development are achieved through games & activities designed to assist the student to meet the daily demands of the future. Students will gain an understanding of the importance of fitness, health & individual differences as well as an enjoyment of physical activities. Cooperation, discipline, responsibility, & character are all traits that are developed through the physical education program.

1012 Physical Education 1: A required semester course, usually taken by freshmen, which features team games & co-operation. Activities include field hockey, flag football, soccer, speedball, volleyball, cross-country running, basketball, team handball, softball, dance, track & field, adventure games & winter games.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

1015 Physical Education in Strength & Conditioning 1: This course covers all aspects of strength & conditioning issues. It combines two days of classroom lecture & discussion, with 3 days of activity/learn-by-doing sessions. The book *Essentials of Strength Training and Conditioning*, by the National Strength & Conditioning Association, will be used to provide a science-based lecture. The activity/learn-by-doing sessions will provide training that parallels the classroom lectures. It is recommended that students taking this course be in good physical condition before taking this class. **Note: This course does not take the place of PE1 or PE2.** **Prerequisite:** PE1, PE2, & teacher interview.

1 SEMESTER (typically fall) NUMERICAL 1 CREDIT

Grades 11 - 12

1023 Physical Education 2: A required course, usually taken by sophomores, to continue the experiences furnished in Physical Education 1. Activities include tennis, archery, golf, badminton, angle ball, volleyball, swimming, dance, weight training, cross-country running, cross-country skiing & orienteering. 1 Quarter (90 minutes daily). **Prerequisite:** Successful completion of PE 1

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 10 - 12

1016 Physical Education in Strength & Conditioning 2: This course covers all aspects of strength & conditioning. It combines science-based classroom lecture & discussion with training activities. In addition, there will be a job shadow of a physical therapist, athletic trainer, physical educator, or sports administrator. **Prerequisite:** PE 1, PE 2, Strength & Conditioning 1, & teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11 - 12

For more information regarding Physical Education courses visit:

http://www.mauhighschool.com/programs/physical_education.shtml

MATHEMATICS

The Mathematics Department tailors courses to accommodate pupils with diverse needs. The department offers the option of a four-year mathematics sequence at four different levels. These are: Honors/Advanced Placement, A Level, B Level and C Level. All courses are designed to meet both the National Council of Teachers of Mathematics National Standards and the Vermont Grade Expectations Standards.

Students can choose to be placed in math courses different from those recommended by their teachers and school counselor. When a student is to be placed in a course that is more demanding than recommended, the student and parent/guardian must meet with his/her counselor and complete a "Mathematics Out of Placement" request form.

Math Honors Level

The Math Honors Level is a sequence of enriched courses including Geometry Honors and Algebra 2/Trigonometry Honors. It covers the same curriculum as A level courses, but because the pace is faster, more subjects including trigonometry are covered. Students in these courses should have good study and organizational skills that allow the addition of more complex problems requiring critical thinking. Upon successful completion of this program, students are expected to complete Pre-Calculus Honors, Calculus Advanced Placement **or** Calculus Honors.

Math A Level

The Math A Level is a sequence of four courses. The courses included are Algebra 1, Geometry 1, Algebra 2/Trigonometry and Pre-Calculus. At the completion of the sequence students will have studied integers, rational and irrational numbers, first- and second-degree equations and inequalities, polynomials, quadrilaterals and circles, perimeters, areas, volumes, probability, statistics and trigonometry. These topics will be covered in greater depth than in the Math B Level. Upon successful completion of this program, selected students may continue to Calculus. The use of graphing calculators, regression models and application problems are integrated throughout the courses.

Math B Level

The Math B Level is a sequence of four courses designed to meet the admission requirements for most two-year community colleges or technical colleges and will meet the minimum math requirement for general admission to some four-year colleges. The courses included are Algebra 1 Part 1, Geometry Concepts, Algebra 1 Part 2 and Algebra 2. At the completion of the Math B Level sequence, students will have studied integers, rational and irrational numbers, first- and second-degree equations and inequalities, polynomials, triangular congruence, characteristics of quadrilaterals, perimeters, areas, volumes, coordinate geometry, introduction to probability, statistics and right triangle trigonometry. Math tutorial is available.

Math C Level

Recognizing the increased need for mathematical understanding in many technical programs, the mathematics department offers Basic Mathematics and three C Level mathematics courses designed to prepare students for the work force or a community college. They include Basic Math, Algebra Foundations, Geometry Foundations and Algebra/Geometry Connections.

MATHEMATICS HONORS AND ADVANCED PLACEMENT PROGRAM

211 M Geometry Honors: Geometry Honors is the continuation of Algebra 1, the program that students began in Middle School. The course includes an in-depth study of probability. Glencoe Geometry introduces points, lines, planes & angles; inductive & deductive reasoning connecting to proof. This course studies perpendicular & parallel lines; congruence & similarity of triangles leading to applications with right triangle trigonometry. There is an exploration of quadrilaterals & circles involving transformations, perimeter & area. **Prerequisite:** Algebra 1 with a minimum grade of 80, MAUMS Algebra I with a minimum grade of 80 and teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 10

214 M Algebra 2/Trigonometry Honors: This course primarily covers the same curriculum as Algebra 2/ Trigonometry. Most topics are covered in greater depth with more emphasis on application problems, including those with graphing calculators. Trigonometric functions are also explored in greater detail. **Prerequisite:** Geometry Honors with minimum grade of 80 and teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 11

For more information regarding Math courses visit:

<http://www.mauhighschool.com/programs/mathmatics.shtml>

219 M Calculus Honors: This course reviews & extends analytical geometry, introduces the concept of limits which leads to the definition of the derivative, develops standard formulas for differentiation & applies these to problems of function behavior, optimization, & related rates. Anti-derivatives are introduced & applied in physics related problems & the development of the definite integral. A graphing calculator is required.

Prerequisite: Pre-Calculus with a minimum grade of 80 and teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 12

220 M Pre-Calculus Honors: The purpose of this course is to provide students with the tools necessary to succeed in calculus and mathematics courses beyond high school. Particular emphasis is placed on functions, their solutions, their graphical behavior, and how functions are used to describe physical phenomena. Additionally, the topic of trigonometry as it relates to both analytical geometry and circular functions will be studied in great detail. Other topics include vectors, conic sections, sequences and series, complex number operations, and an overview of concepts and skills applicable to introductory calculus.

Prerequisite: Teacher recommendation & Algebra 2/Trigonometry Honors (with a minimum grade of 80); or Algebra 2/Trigonometry (with a minimum grade of 90).

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11 - 12

339 AP Physics & AP Calculus: Understanding the connections between calculus & physics produces a level of comprehension far greater than studying the two disciplines independently. This course will teach the techniques of calculus concurrently with their applications to physics. The calculus aspect of this course will include the topics of graphs, functions, & limits, derivatives, & integrals. The physics aspect will primarily involve classical mechanics & classical electromagnetism. Students are expected to take the AP exams in May. **Prerequisite:** Pre-Calculus with minimum grade of 80 and teacher recommendation.

2 SEMESTERS NUMERICAL 2 CREDITS

Grades 11 - 12

MATHEMATICS A LEVEL PROGRAM

208 M Algebra 1: This is the first in a sequence of four courses. The focus is on algebra. Topics covered will include rational expressions, equations, inequalities, functions, polynomials, solving linear equations, system of equations & inequalities, proportional reasoning, graphing relations & functions, & right triangle trigonometry. Graphing calculators will be used to graph functions & to explore and solve application problems.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

209 M Geometry: This is the second course in the college prep sequence that prepares students for college course work. Students will study topics in irrational numbers: adding, subtracting, multiplying & dividing along with simplifying radical numbers. They will also look at simple probability & permutations. In Geometry, students will start with basic building blocks of Geometry to build their knowledge to master topics that include parallel & perpendicular lines, properties of triangles, congruency & similarity, properties of both right triangles & quadrilaterals and properties of circles. **Prerequisite:** Teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

210 M Algebra 2/Trigonometry: This course reviews solving equations & inequalities, linear equations & their graphs, systems of linear equations & inequalities, & operations with polynomials. The course introduces the use of matrices to solve algebraic problems & also includes the study of radicals, imaginary & complex numbers, solving & graphing quadratic functions, analyzing conic sections, simplifying rational expressions, solving rational equations, & exploring trigonometric functions. **Note: If students pass Geometry, they cannot take Algebra 1 Part 2 for credit.** **Prerequisite:** Geometry (minimum grade of 70 AND teacher recommendation) or Algebra 1 Part 2 and successful completion of Geometry final exam or Algebra 2 teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

XXX M Pre-Calculus: The purpose of this course is to provide A-Level students with the skills necessary to succeed in calculus & mathematics courses both in upper-level honors high school courses & courses at the college level. Particular emphasis is placed on functions, their solutions, their graphical behavior, & how functions are used to describe physical phenomena. Additionally, the topic of trigonometry as it relates to both analytical geometry & circular functions will be studied in great detail. An overview of concepts & skills applicable to introductory calculus will be included. Although similar to the Honors Pre-Calculus course, this course will proceed at a moderate pace & will not explore the extensive breadth of each topic as done in the honors course. **Prerequisite:** Teacher recommendation & either: Algebra 2/Trigonometry Honors with a passing grade; **or** Algebra 2/Trigonometry with a minimum grade of 80%. *Graphing calculator strongly recommended.*

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11 - 12

MATHEMATICS B LEVEL PROGRAM

205 M Algebra 1 Part 1 is a B-Level introductory Algebra course; one of four. It moves at a slower pace than Algebra 1 & does not cover as many topics. The topics covered include operations with integers, rational numbers & polynomials, solving & graphing linear equations, proportional reasoning, using algebra to model problems & real life situations, & problem solving strategies. **Prerequisite:** Teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

207 M Algebra 1 Part 2: This is the third in a sequence of four courses starting with Algebra 1 Part 1, & Geometry Concepts. The focus is on completing the topics started in Algebra 1 Part 1. Topics covered will include powers & roots, polynomials, factoring, quadratic & exponential functions, system of equations & inequalities, radical expressions, & a sampling of related geometrical applications dealing with triangles and circles. **Prerequisite:** Teacher recommendation and a minimum grade of 70 in Geometry Concepts.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11 - 12

215 M Algebra 2: This course reviews & enhances the algebra topics studied in Algebra 1 Parts 1 & 2. Many of the same objectives are taught using the graphing calculator, including a variety of application problems, scatter plots, modeling real-world data, regression equations & predictions. Other topics included are right triangle trigonometry, special triangles & circle geometry. **Prerequisite:** Teacher recommendation and a minimum grade of 70 in Algebra 1 Part 2.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 12

206 M Geometry Concepts: continues Algebra 1 part 2 & finishes Algebra 1. The algebra portion of this course focuses mainly on probability & odds. This section also includes the study of the counting principle, permutations, & combination. The geometry portion of the course covers the study of many topics including: points, lines & planes; patterns & reasoning; constructions; segment measure & congruence; midpoint & distance formulas; angle measures & angle relationships; parallel & perpendicular lines; slope & linear equations; classifying triangles; congruent & similar triangles; right triangles; the Pythagorean Theorem & trigonometry; quadrilaterals; proportions; area, perimeter, & volume of polygons. **Prerequisite:** a minimum grade of 70 in Algebra 1 Part 1; or Teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

MATHEMATICS C LEVEL PROGRAM

201 M Math Basic: This course develops & strengthens student understanding of operations of whole numbers, decimal numbers, fractions & integers. Other topics include percents, perimeter & volume, & some basic Geometry concepts. Students will solidify their understanding of basic mathematics so that they can move forward into Foundations of Algebra. **Prerequisite:** Teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

224 M Geometry Foundations: This course will add depth & applications to the topics introduced in Algebra Foundations. The course introduces & explores important concepts, as well as practical applications of geometry. Topics include properties of one-, two-, & three-dimensional figures, similarity & proportional reasoning, introductory level trigonometry, & Cartesian graphing. **Prerequisite:** Algebra Foundations or teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

223 M Algebra Foundations: This course includes basic concepts of pre-algebra, algebra, geometry & interpretation of statistical data as they apply to real life applications. Topics covered will include graphing & analyzing data, order of operations, & operations with signed numbers, evaluating, adding & subtracting expressions, solving linear equations, symmetry, patterns, spatial relationships, & graphing linear equations. **Prerequisite:** Teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

225 M Algebra/Geometry Connections: The goal of this course is to connect the information provided in the two previous foundation level courses & to apply it to uses outside the classroom. Topics covered are triangular ratios, geometric proportions, the simplification of roots, algebraic computation of functions, & the connection of variables to more geometric problems. **Prerequisite:** Geometry Foundations or higher.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11 - 12

For more information regarding Math courses visit: <http://www.mauhighschool.com/programs/mathmatics.shtml>

MATHEMATICS ELECTIVES

200 M Statistics: This course will focus on the use & application of statistics to help explain the world around us. Students will delve into the mathematical world of statistics including histograms, standard deviation, p-tests, line of best fit, normal curves & more. Students will apply statistics directly to sports, history, science, medicine & many other areas of study. Real world examples will be used to build a student's mathematical base & help students' use logical reasoning to validate statistical findings. **Prerequisites:** Algebra II/Trig, Algebra II, or teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 – 12

1424 Business Math: Review of basic math operations using whole numbers, fractions, percents & decimals applied to dealing with money. Topics include spending, earning, managing, saving, borrowing & protecting money. Students use calculators, develop organizational skills, & cooperate in group learning. Simulations & applications for each unit will help students learn concepts & apply them to everyday life.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

1425 Business Math Advanced: This enriched course covers the same topics as those in Business Math but at a faster pace. More complex problems are introduced and concepts are further developed in spreadsheet applications on the computer. **Prerequisite:** Successful completion of two years of math at the B level or higher or teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11 - 12

CAREER DEVELOPMENT CENTER

These classes fulfill the MAU Math requirements & are available through the CDC:

25 Accounting & Finance 1 (cannot be used for 9th grade math)

26 Accounting & Finance 2 (cannot be used for 9th grade math)

31 Artificial Intelligence 2

1452 Accounting & Finance 1A (cannot be used for 9th grade math)

1461 Accounting & Finance 1B (cannot be used for 9th grade math)

16 Building Trades 2

75 Business Management 2

71 Computer Academy 2

42 Design & Fabrication 2

19 Engineering & Design 2

46 Marketing 2

Please see CDC Program of Studies for descriptions.

SCIENCE

The Science Department offers courses to accommodate students with diverse needs. All course curricula are designed to meet the Vermont Framework of Standards (GCE) for the sciences. The department offers four basic programs—Unified Science, Biology, Chemistry, & Physics—at three different levels. These levels are Advanced Placement/Honors, College Preparation & General Sciences.

Students are required to complete three science credits. MAUHS students are expected to take Unified Science in Grade 9 & Biology as part of their sequence of courses, usually during grade 10. It is recommended that students who desire a four-year science sequence take Unified Science, Biology, Chemistry, & Physics. Electives are offered for students in grades 11 & 12 who have completed Unified Science & Biology so that they are able to meet the three-year credit requirement. Transfer students will be evaluated individually to determine what courses they have that may be eligible for substitution for the above requirements. This decision will be made following the transfer student procedure.

ADVANCED PLACEMENT & HONORS SCIENCE COURSES

Advanced Placement classes are rigorous, upper level science courses designed to be college introductory courses. Students are expected to take the course-related Advanced Placement test in the spring semester of the course. Those students who qualify on the Advanced Placement Examinations may be granted college credit &/or advanced standing upon entering college. Honors courses are similar in content to College Preparation courses, but the study is much more in-depth, demanding, & fast-paced. Students in these courses have good study & organizational skills that allow the addition of more complex problem solving & critical thinking.

0311 SC Unified Science Honors: This course is an activities-based science course that incorporates earth/space science, physical science, life science, & science inquiry. There is a special emphasis on the scientific method, problem solving, mathematics, technical reading & technical writing. **Prerequisite:** A grade of 85 in A-level English, enrollment in Geometry Honors & teacher recommendation. Recommendation will be based on grades, attendance, writing skills & general enthusiasm. Earth science, physical science, physical science general, or a course acceptable to the administration/science department may be accepted in place of Unified Science for transfer students.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 9

0324 SC Biology Honors: The course will involve technical writing, formal laboratory write-ups, & higher level thinking skills. Students will be expected to process, synthesize & analyze problems. The course will be taught in greater complexity & at a faster pace than 0320 Biology. **Prerequisite:** Teacher recommendation, and a grade of 90 or above in A-level English & Math or 85 in Honors English & Math, a 90 or better in Unified Science or 85 in Unified Science Honors.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 11

For more information regarding Science course visit:
<http://www.mauhighschool.com/programs/science.shtml>

331 SC Chemistry Honors: This course uses a mathematical approach to the study of Chemistry. It provides an in-depth study of chemical theory, laws & principals (including but not limited to atomic theory, kinetic theory, bond theory, stoichiometry, equilibrium, acids-bases-salts, organic chemistry, electrochemistry, nuclear chemistry). **Prerequisite:** Successful completion of Unified Science Honors & Geometry Honors with an 85 average, or teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 – 11

333 AP Chemistry: AP chemistry is the equivalent of & will meet the objectives of a college general chemistry course. Topics covered include atomic theory & structure, chemical bonding, nuclear chemistry, gases, liquids, solids, solutions, reaction types, stoichiometry, equilibrium, kinetics & thermodynamics. The course also requires students to participate in laboratory experiments, which may involve extra time before & after school. **Students should plan on a summer assignment prior to the start of the course in the fall & students are expected to take the Chemistry AP Exam in May.** **Prerequisite:** Honors Algebra (or an equivalent math competency) & teacher recommendation. 10th grade students must also receive permission from AP Chemistry instructor.

1 YEAR NUM. (weighted) 1 SCI. & 0.5 ELECT. CR.

Grades 10-12

339 AP Physics & AP Calculus: Understanding the connections between calculus & physics produces a level of comprehension far greater than studying the two disciplines independently. This course will teach the techniques of calculus concurrently with their applications to physics. The calculus aspect of this course will include the topics of graphs, functions, & limits, derivatives, & integrals. The physics aspect will primarily involve classical mechanics & classical electromagnetism. **Students are expected to take the AP exam in May.** **Prerequisite:** Pre-Calculus with minimum grade of 80 & teacher recommendation.

1 YEAR NUM. (weighted) 1 SCI. & 1 ELECT. CR.

Grades 11 - 12

340 SC Physics Honors: This course is a calculus-based study of the natural laws: mechanics, heat, wave motion & Quantum Physics. Emphasis is on laboratory investigation & problem solving to further develop techniques & procedures that students who plan to pursue science in post-secondary education will need. Students will complete cooperative projects that apply physics principles to solve practical problems. **Optional AP Physics designation is possible if student commits to take the AP Physics examination.** **Prerequisite:** Pre-Calculus Honors with at least a 75 average.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11 - 12

0350 AP Biology: Biology is an exciting and rapidly growing field of study. This course will provide students with an excellent college-level introductory biology class & prepare students for the AP Examination. Due to the extensive course content & a rigorous academic curriculum, AP Biology is a full year (two-semester) course, including laboratory. Students may receive college credit &/or advanced standing for their work. Even if credit is not awarded, admissions offices recognize the rigor of AP courses on a transcript & may factor them in when determining college acceptance. **All students taking this course are expected to take the AP Examination.** **Prerequisite:** Completion of Honors Chemistry, or Chemistry & Biology, or teacher recommendation. 10th grade students must also receive permission from AP Biology instructor.

1 YEAR NUM. (weighted) 1 SCI. & 1 ELECT. CR.

Grades 10 - 12

COLLEGE PREPARATION SCIENCE COURSES

College Preparation Science courses are designed to meet the admission requirements of most two- & four-year colleges. At the completion of the recommended course of studies below, students will have studied Earth science, astronomy, biology, chemistry, & physics. These topics will be studied in greater depth than in General Education Science Courses.

312 SC Unified Science: This course is an activities-based science program that incorporates earth space/science, physical science, life science, & science inquiry. There is a special emphasis on problem solving, scientific method, mathematics & inquiry. Earth science, physical science, physical science general, or a course acceptable to the administration/science department may be accepted in place of Unified Science for transfer students. **Prerequisite:** Teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 9

320 SC Biology: Major areas of concentration are cell theory & structure, the diversity of plants & animals, the development of biological concepts, the interdependence of organisms & environment, biological regulation, genetic continuity & diversity of life. It is a laboratory course involving experimentation, observation & project work; recommended for college-bound students. **Prerequisite:** Successful completion of Unified Science with 75 or above, or teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 10

330 SC Chemistry: This course involves the study of basic chemical theory, laws, & principles, atomic theory, kinetic theory, bond theory, etc. Concepts are investigated from a theoretical as well as a practical point of view. Problem solving is taught through chemical reaction & gas laws, & knowledge is also gained through laboratory experimentation, which is an integral part of the course. Additional topics are at the discretion of the instructor. **Prerequisite:** Successful completion of Biology and Geometry with an average of 75, or teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

0343 SC Physics: This course includes the topics studied in the Honors Physics section but provides a less detailed examination. Laboratory work is emphasized. A solid foundation in algebra and trigonometry is necessary for success in this course. **Prerequisite:** Successful completion of Algebra 2/Trig. with an average of 75, or teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 10 - 12

GENERAL EDUCATION SCIENCE COURSES

General Education Science Courses are designed to introduce students to the world of science, how it relates to everyday life, & its application in the real world. The content of these courses is the same or similar to the College Preparation Science courses, but the focus is on the practical application of scientific concepts.

313 SC Unified Science General: This course is a general survey of earth/space science, physical science, life science, & science inquiry. There is a special emphasis on problem solving & scientific method, with some mathematics & writing. This course will cover the material in a less-detailed manner than Unified Science. **Prerequisite:** Teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 9

328 SC Biology General: In this course the major emphasis is on various organisms, the human body, the structure & function of selected plants & animals, & of local ecosystems. The course is designed for those students not requiring an intensive Biology course. **Prerequisite:** Successful completion of Unified Science General.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 10

CAREER DEVELOPMENT CENTER

These classes fulfill the MAU Science requirements & are available at the CDC:

32 Agro-ecology 2	12 Automotive Technology 2
31 Artificial Intelligence 2	1410 Bio/Agri-science
75 Business Management 2	71 Computer Academy 2
42 Design & Fabrication 2	19 Engineering & Design 2
22 Forestry & Heavy Equipment 2	59 Medical Professions 2

See CDC Program of Studies for descriptions.

347 SC Physical Science General: This course is for students to continue their study of the processes in the world around them. Topics include matter, motion, forces, energy, chemistry &, as time permits, weather, geology & astronomy. Students are expected to be active participants during labs & experimental activities. While there is less writing & math than in Physics, students are expected to use the basic skills of English composition & algebra to represent concepts learned from class activities, observations & textbook readings. **Prerequisite:** Successful completion of two science courses and two math courses.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11 - 12

SC Earth Science General: This course will use the scientific method to study topics in geology, meteorology, hydrology, & astronomy. The course is designed with special attention to students who need reading &/ or writing assistance. **Prerequisite:** Successful completion of Unified Science General and Biology General **or** S-Everyday Science I +II and S-Physical Science I+II **or** a combination of the two **or** teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11-12

For more information regarding Science courses visit:

<http://www.mauhighschool.com/programs/science.shtml>

SCIENCE ELECTIVE COURSES

Science Elective courses offer opportunities for students to delve more deeply into specific fields of science.

314 SC Earth Science: This course uses the scientific method to explore topics in geology, hydrology, meteorology, & astronomy. The course focuses on earth-shaping processes, atmospheric dynamics, & earth's place in the solar system. It is designed to develop an awareness & appreciation for these geosystems & their important interrelationships. Emphasis is on the interpretation of maps, charts, & tables; the use of technology to collect & analyze information; & science inquiry & problem solving skills. Students are required to do a final research project. **Prerequisite:** Successful completion of Biology with a 75 or above, or teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11-12

332 SC Anatomy & Physiology: This course has two components. One component is Human Anatomy, the study of the structures of the major body systems. This requires the acquisition of an extensive vocabulary describing the functions & locations of basic body structures. The other component is Human Physiology. This part of the course emphasizes research & a deeper exploration of how the body works. Students are required to read & analyze current scientific literature. Laboratory activities include the dissection of a mammal & the usage of surface electrodes to measure & describe parameters such as heart rate & muscle function. This course provides a background for those interested in medical professions & for those desiring a better knowledge of the human body. **Prerequisite:** Successful completion of CP Biology with an 80 or above, or teacher recommendation combined with a strong student motivation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11-12

337 SC Environmental Science: This course will use the lens of science to focus on the relationship between human civilization & the environment that supports it. This means that we will use research, field study & discussion to examine what is known about the wide range of environmental issues with which humans grapple. And, we will use scientific inquiry to conduct our own explorations of the condition of our local environment & investigate the merits of various possible solutions to the challenges that face us. Some of the topics covered will include global climate change, air quality, water quality, biodiversity, sociology, alternative energy sources, food production models, environmental economics, ecological design, environmental legislation & community action. **Prerequisites:** 80% or higher in B level English and two science credits **or** teacher recommendation.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11 - 12

TECHNOLOGY

Technology education provides a broad range of courses for students with varying career aspirations. Courses have been designed to meet the needs of students of all academic levels and are taught through laboratory-based, hands-on learning activities. Beginning with the class of 2009, ½ credit in technology is required for graduation. For further descriptions of computer, business and technical courses see the CDC Program of Studies.

Technology short block (sb) courses that meet the MAUHS .5 credit requirement:

MAUHS

(50 MINUTE CLASSES)

Digital Imaging/Adobe Photoshop
Computer Applications
Computer Programming 1A
Computer Relay
Desktop Publishing

CDC

(50 MINUTE CLASSES)

Business Basics
Computer Aided Design and Fabrication
Computer Aided Design 3D
Creative Computing

90 minute technology courses that meet the MAUHS .5 credit requirement:

MAUHS

Computer Programming 1
Graphic Design
Graphic Design Advanced
Microsoft Office
Web Design/Dreamweaver/Flash

CDC

Accounting and Finance
Artificial Intelligence
Business Management
Communications Technology
Computer Academy
Design and Fabrication
Engineering and Design
Video\Production

910 Graphic Design: This course focuses on two-dimensional design & basic layout & typography skills both on & off the computer. Assignments will first be done by hand with an emphasis on strong conceptual & design skills. As the class progresses, we will apply those skills to design on the computer using industry standard layout & image manipulation software on the Mac platform.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

915 Graphic Design Advanced: Students will do advanced design using industry standard software on the Mac platform using layout, image manipulation vector software; QuarkXpress, Adobe InDesign, Photoshop & Illustrator. Projects will include portfolio worthy assignments & real-world design for community institutions. All students will finish the class with an electronic portfolio of their best work. **Prerequisite:** Graphic Technology and instructor approval.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

960 Web Design using Dream Weaver: This course focuses on mastering the tools of the software to create attractive & dynamic websites suitable for personal, advertising, & e-commerce. Hands-on activities give students experience in designing & using Dreamweaver. Students will begin by learning to "Hand Code" a site & then use an HTML editor to create real-world sites that focus on site content & the end user. **Pre-requisite:** The course is code based so students should be able to read & problem solve independently. They should have passed English & Math on the "B" level with a grade of 80 or better or have permission of instructor.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

961 Computer Programming 1: This course introduces the student to computer programming using ActionScript 3.0 in Adobe Flash. This class will focus on game development after building a foundation in ActionScript 3.0. **Pre-requisite:** The course is code based so students should be able to read & problem solve independently. They should have passed English & Math on the "B" level with a grade of 80 or better or have permission of instructor.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

For more information regarding Technology courses visit:

<http://www.mauhigshschool.com/programs/technology.shtml>

1422 Microsoft Office: In today's world, students should be familiar with various software applications. This course will provide students with touch keyboarding review & formatting skills. Word, Excel, PowerPoint, Access, Publisher & Outlook (all part of the Microsoft Office Suite) will be studied & used to prepare business & personal documents. Decision-making, time-management, personal-finance, job-search, leadership & communication skills will be developed while applying software functions.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

COMMUNITY COLLEGE OF VERMONT COURSES

8020 Access to Success: CCV offers this free course to high school students. This course provides an orientation to the college experience while maintaining a focus on building academic skills. Special attention is given to the development of skills in math & English. Students will take advantage of academic resources, such as the computer, learning & writing labs & the CCV Library. This course typically meets twice a week for one semester. The class is held in the afternoon after the MAUHS school day. Enrollment is limited, so interested students or parents should contact their school counselors or Jeannie Jenkins, CCV academic coordinator, at 447-2361 for more information. Students who successfully complete this course may be eligible to take free CCV courses. **Prerequisite:** Application process required.

Transportation & cost of text are student's responsibility.

1 SEMESTER PASS/FAIL 1 CREDIT

Grades 9 - 12

COLLEGE COURSES

9080 College Course: Students who choose to take college courses while attending MAUHS can request that the college course be approved for high school credit. Courses can be approved for either elective credit, or when pre-approved can be used to substitute for a MAUHS required course. It is recommended that college courses be taken for elective credit rather than to fulfill a graduation requirement.

Note: Approval of college courses for MAUHS credit is not guaranteed. The application process must be completed & the course approved before it will be eligible for MAUHS credit. Course-related costs such as books, tuition, & transportation are the responsibility of the student. All local colleges have programs available for high school students. See your school counselor to discuss specific opportunities.

Prerequisite: Completion of MAUHS and individual college application process.

1 SEMESTER PASS/FAIL 1 CREDIT] 3 cr. college course

Grades 10 - 12

3511 SB Introduction to College Study: CCV offers this free course to high school students. Introduction to College Studies is a course that provides an orientation to the college experience. Students will be introduced to strategies that enhance the development of intellectual curiosity, critical thinking & academic self-reliance. Specific attention will be paid to improving reading, writing, researching, speaking, & memory retention skills; to these ends, students will have the opportunity to inventory their own learning styles, & create & apply individualized time management & testing techniques. Students will take advantage of academic resources (i.e. the computer, learning & writing labs & the CCV Library). Guest speakers will share information about the college admissions process, financial aid & career possibilities. Students will have the opportunity to visit a CCV class aligned with their identified academic interest. This class typically meets at CCV for 10 consecutive sessions from 3:30-5:30 p.m. & is usually held once in the fall & spring semesters. Enrollment is limited, so interested students or parents should contact their school counselors or Jeannie Jenkins, CCV academic coordinator, at 447-2361 for more information. Students who successfully complete this course may be eligible to take free CCV courses.

Prerequisite: Application process required.

Transportation and cost of text are student's responsibility.

1 SEMESTER PASS/FAIL 0.5 CREDIT

Grades 9 - 12

SCHOOL SERVICE

6580 School Service: This course is an opportunity for students to provide assistance to school offices (counseling office, main office & library). Students can also work as an assistant to a specific teacher. Students enrolled in this course provide valuable community service to the school. Students are expected to assist staff with clerical tasks, delivering passes & materials, setting up classrooms, labs & assisting in many other ways. The student will be given opportunities to develop the skills of reliability, independence & initiative. **Prerequisite:** School counselor recommendation and approval of teacher or relevant office supervisor.

1 SEMESTER PASS/FAIL 1 or 0.5 CREDIT

Grades 9 - 12

ENGLISH AS A SECOND LANGUAGE

9078 English as a Second Language: This course is for students who are non-English speakers or for those who are still gaining proficiency in English (non-native speakers). The course is designed to develop skills in listening, speaking, reading & writing in the English language. Students will also be learning about holidays, survival, acclimation, & general practical skills for living in the United States & the local community. Peer & college tutors will be assigned (as available) to students to assist in individual instruction. Intermediate students will develop grammar & vocabulary skills by reading & studying literature & writing for different purposes. **Prerequisite:** ESL teacher/counseling coordinator approval.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 9 - 12

9079 English as a Second Language Peer Tutor: This course is for English-speaking students who wish to Tutor speakers of other languages. Interested students should have a sincere interest in language & culture, & have a history of consistent attendance, patience, responsibility & a sense of humor. This is an excellent community service opportunity & choice for those considering future careers in education, or one involving language and culture. **Prerequisite:** Appropriate academic skills and an interview with and approval by ESL teacher.

1 SEMESTER PASS/FAIL 1 CREDIT

Grades 9 - 12

For more information regarding English as a Second Language courses visit:
http://www.mauhghschool.com/programs/english_as_a_second_lang.shtml

SCHOOL TO WORK

The School-to-Work Programs at MAUHS provide students with community-based learning experiences to build employability skills & career exploration, which helps students identify career pathways & prepare for further education & careers. The Community-Based Learning courses offered to students are: Field Study, Community Service, opportunities to job shadow & Work Experience. The School-to-Work Office also serves as a resource for educators to connect with the business community.

975 Community Service: Community service is available as a 90 minute or 50 minute class (3140) during the school day or can be scheduled for after school hours in local schools & agencies. Students should consider what type of service they can provide to a local agency or school, & what skills they would like to gain or improve through this experience. Students are expected to participate in the selection of appropriate placements. An application will need to be completed by potential participants. **Prerequisite:** Approval from the Administration is required for this off-campus course.

1 SEMESTER PASS/FAIL 1 CREDIT

Grades 10 - 12

976 Field Study – High School Internship Program: a Field Study helps students answer the important questions of what they want to pursue after high school. Self assessment tools are used to identify interest, skills, work values & personality to optimize successful student placements in a business or agency. Students write a resume, set goals, & process & document their experience through journal writing & in a final presentation. Students should consult with their counselor to determine eligibility. Space is limited. **Prerequisite:** Approval from the Administration is required for this off-campus course.

1 SEMESTER NUMERICAL 1 CREDIT

Grades 11-12

8006 Work Experience: A non paid work experience (up to 30 hours) in the community after completion of the Vermont State Employment skills curriculum. **Note: In some situations work experience can be applied toward work credit. Students must meet specific eligibility requirements. For more information, please discuss this option with a school counselor.** **Prerequisite:** Approval from the Administration is required for this off-campus course.

1 SEMESTER NO CREDIT

Grades 9 - 12

Job Shadowing: Students spend a day at a business or agency following & employee to learn more about a particular occupation or industry. Students can do multiple job shadows to gain exposure to various career fields. Job shadowing helps the student explore the world of work & the range of opportunities found within their community. Applications are available in the School-to-Work Office.

1 SEMESTER NO CREDIT

Grades 9 - 12

For more information regarding School to Work courses visit: http://www.mauhigshschool.com/programs/school_to_work.shtml

SENIOR PROJECT

1004 Senior Project: Senior Project provides and opportunity for students to demonstrate their ability to design & participate in a multi-phased, research-based learning process, while preparing for their future in higher education, vocational institutions, & the work force. Senior Project gives a portrait of the graduating senior, demonstrating the student's ability to write, speak, apply knowledge, solve problems, & use real-world skills such as time management, organization, & risk taking. The Senior Project course is designed to enhance & enrich the senior year. Seniors will participate in a non-traditional, student-interest based learning opportunity. The four components of the Senior Project are: 1) Research and written work (7-10pp., MLA format); 2) The Project; 3) The Portfolio; & 4) The Speech. Individual choice and self-direction are encouraged and supported throughout the Senior Project. Students will select and meet regularly with a staff partner.

1 SEMESTER NUMERICAL 1 CREDIT

Grade 12

50 MINUTE COURSES

50 minute courses are typically held opposite a student's lunch period. Most 50 minute courses are graded pass fail, in some cases a course will be graded numerically or have the option to be graded either as numerical or pass fail. 50 minute courses are not included in a student's GPA with the exception of health, physical education, calligraphy, quilting, Symphonic band, chorus & courses meeting the technology requirement.

3020 SB Adobe Photoshop Digital Imaging: Students will learn professional quality software used to retouch photos, color & manipulate images. Students begin with a tutorial to learn the software tools & then apply these skills to solve visual design problems. **Fulfills technology requirement**

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 9 - 12

6591 SB Algebra Review: This course is for students who have previously taken & completed Algebra I or Algebra I, Part I. The course is intended to provide remediation or re-teaching before moving to the next level of a student's math experience. Algebra Review will allow students to build a stronger foundation in the Algebra topics needed as they move through Geometry & higher-level math courses. **Prerequisites:** Completion of Algebra I, Algebra I, Part I or teacher recommendation.

1 SEMESTER PASS/FAIL 0.5 CREDIT

Grades 9 - 12

For more information regarding short block courses visit:
http://www.mauhigshschool.com/programs/short_block_courses.shtml

3060 SB Archaeology: Designed for students interested in archaeology (a branch of anthropology, the study of humankind) & archaeologists (scientists who study present & past societies by studying the artifacts left by humans over time.) Students will look at a variety of cultures, & will be expected to prepare questions to ask & answer during class discussions. Students will watch videos, research topics via the internet, prepare projects of various types, play archaeology games, write short essays & discuss how humans went about their lives in ancient times. Students are expected to take an active role in preparing topics for class discussion & engage on both small group and full class activities.

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 9 - 12

3024 SB BeeKeeping: This class is, by design, flexible so it might reinforce & supplement ongoing studies in a variety of classroom settings for each student. The honeybee colony will be used as a scientific model. Students will: perform basic science & math calculations, identify structures & functions of organs & systems of various kinds of animals, identify features shared by all forms of life (genetic material) & features not shared by all forms of life (cellular structure), & discover the composition, medicinal uses, & biological materials in honey. Students will make the knowledge learned instrumental, not just things to "think about", by becoming confident beekeepers.

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 9 - 12

3195 SB Civics & Government (The Good Citizen in the Good Society): How does a good society balance public welfare with individual rights? This course requires students to consider their changing role in society. Students will explore & develop connections to their local, national, & global community. This course provides students with the opportunity to observe the political process of Vermont State government, as well as to meet with politicians. Using literature, art, & discourse students will experience democracy as a diverse, contested, historical, & ongoing approach to human conflict & cooperation. Assessment will focus on student participation versus testing (or by teacher permission).

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 10 - 12

3116 SB Calligraphy: see Calligraphy 1-2 for course description. This short block can be taken twice & will be equivalent to Calligraphy 1 and 2.

Fulfills art requirement

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 9 - 12

3130 SB Chorus: This year-long course is a performing ensemble with a minimum of four mandatory performances per year. Concert music is selected from various historical time periods including Renaissance, Classical, Romantic, Contemporary & Pop. Development of proper vocal techniques, with a focus on basic music elements will be explored. Included with vocal & musical development are mandatory rotating group vocal lessons. Qualified students are eligible to audition for Vermont Green Mountain Music District, All-State & New England Music Festivals. Concert performances for these prestigious opportunities are held in March & May. Every spring semester the music department ensembles travel to music competitions & festivals; fund-raising is necessary. Grades are based on class, lessons & performance attendance. There will be written exams in January & June. *Fulfills art requirement*

1 YEAR NUMERICAL 1 CREDIT

Grades 9 - 12

3140 SB Community Service: This course is offered as a 50 minute course during the school day or can be scheduled for after school hours in local schools & agencies. Students are expected to participate in the selection of appropriate placements. They should consider what type of service they can provide to a local agency or school & what skills they would like to gain or improve. An application will need to be completed by potential participants. Space may be limited & a committee consisting of the program coordinator, Counseling Service Coordinator & administration may select eligible students from the application pool. *Prerequisite: Administration approval, School counselor & program coordinator recommendation.*

1 SEMESTER PASS/FAIL 0.5 CREDIT

Grades 10 - 12

3350 SB Computer Applications This course develops proper keyboarding skills along with speed & accuracy while learning formats for personal & business documents. Current applications in word processing software, spreadsheet software, & presentation software will be explored & examined. Computer concepts & vocabulary will also be emphasized.

1 SEMESTER NUMERICAL ½ CREDIT

Fulfills technology requirement

Grades 9 - 12

3513 SB College Preparation: This course assists students with the college application process. This includes the college search, filling out applications, essay-writing, resume-designing, SAT preparation, learning about financial aid, & scholarship opportunities. This course was designed by students to meet their needs.

1 SEMESTER PASS/FAIL 0.5 CREDIT

Grades 11 - 12

3146 SB Computer Programming 1A: This course introduces the student to computer programming using the current VB.NET language & IDE (integrated development environment). Concepts learned will include, but not limited to selection, iteration, objects, methods, events, functions, & arrays.

1 SEMESTER NUMERICAL ½ CREDIT

Grades 9 - 12

CDC

3712 SB Architecture & Construction: 1 SEMESTER 0.5 CREDIT **Grades 9 - 12**
3708 SB Automobile Maintenance: 1 SEMESTER 0.5 CREDIT **Grades 10 - 12**
3751 SB Business Basics: 1 SEMESTER 0.5 CREDIT *Fulfills technology requirement*

See CDC Program of Studies

3025 SB Computing Relay: This course is designed to provide students with a review of basic competencies in computer use & an opportunity to explore a range of applications with a focus on two areas of study: business applications & programming. Students will rotate between two teachers with different areas of expertise & learn specific software applications. The class will provide an overview of basic operations; strengthen skills in research, communication & problem solving. Social & ethical implications will also be addressed. Opportunities for further studies in specialized interests will be explored. This course is not a prerequisite for other technology courses but is designed to be taken before Computer Programming 1, SB Computer Programming 1A or Computer Applications. It should not be taken by a student who has completed one of these courses. **Fulfills technology requirement.**

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 9 - 12

3180 SB CPR & Emergency Responding: This course is a first aid & safety course with certification by the American Red Cross in infant, child, & adult CPR & first aid.

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 10 - 12

3190 SB Creative Writing: In this course students will explore the art of writing creatively by both composing & responding to a variety of writing activities. Students will be reading & analyzing the work of accomplished writers of poetry and prose.

1 SEMESTER PASS/FAIL 0.5 CREDIT

Grades 11 - 12

3716 SB Desktop Publishing: This course emphasizes the creative use of the computer using Microsoft Publisher. Students will create publications such as business cards, stationery, newsletters, brochures, invitations, fliers, posters, etc. Learning the concepts of desktop publishing and terminology will lead to producing quality business documents and projects. **Suggested as a follow-up for Computer Application. Fulfills technology requirement**

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 9 - 12

6590 SB English 12 AP Lit. & Comp. Review: This course concentrates on focused reading & impromptu writing in preparation for the Advanced Placement examination in English literature & composition. Recommended but not required for students registered to take the AP exam. **Prerequisite:** Enrollment in AP English 12 Honors Literature & Composition.

1 SEMESTER (spring) NUMERICAL 0.5 CREDIT

Grade 12

3138 SB English as a Second Language Peer Tutor: This course is for English-speaking students who wish to tutor speakers of other languages. Tutors are scheduled one period daily to work with ESL students. Interested students should have a sincere interest in language & culture, & have a history of consistent attendance, patience, responsibility & a sense of humor. This is an excellent community service opportunity & an excellent choice for those who are considering future careers in education or one involving language & culture. **Prerequisite:** Appropriate academic skills, an interview with & approval by ESL teacher.

1 SEMESTER PASS/FAIL 0.5 CREDIT

Grades 9 - 12

3139 SB English as a Second Language: This course is for students who are non-English speakers or for those who are still gaining proficiency in English (non-native speakers). The course is designed to develop skills listening, speaking, reading & writing in the English language. Students will also be learning about holidays, survival, acclimation & general practical skills for living in the United States & the local community. Peer & college tutors will be assigned (as available) to students to assist in individual instruction. Intermediate students will develop grammar & vocabulary skills by reading & studying literature & writing for different purposes. **Prerequisite:** ESL teacher/counseling coordinator approval

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 9 - 12

3210 SB Drama/Theater: This course develops communication skills through reading plays, acting, role-playing, & understanding stage techniques. Some history of drama is also studied.

1 SEMESTER PASS/FAIL 0.5 CREDIT

Grades 9 - 12

3220 SB Driver's Education: This course aims to develop safe driving attitudes & to educate future drivers in the fundamentals of proper automobile operation. The course includes rules & regulations, motor vehicle laws, alcohol & drug education, defensive driving & a limited amount of mechanical instruction. Thirty hours of classroom instruction & six hours behind the wheel are required. Two classroom instruction sections will be offered each semester at 7 a.m. (zero hour) three days a week. Space is **VERY** limited. Therefore classes will be offered to students on a priority list as follows: seniors, juniors & sophomores, by birth date. **STUDENTS WISHING TO BE ON THE WAIT LIST IN DRIVER'S EDUCATION MUST CHECK IT OFF ON THE COURSE SELECTION SHEET WITH THEIR SCHOOL COUNSELOR NO LATER THAN APRIL 1ST!** There is no guarantee that driver's education can be scheduled for everyone who requests it. There are individual schedule limitations, & only a certain number of students can be scheduled in the "behind-the-wheel" phase. MAUHS administration handles the registration of Driver's Education. Students cannot choose whether they register in the fall/spring or 0 hour/third block. A 70 average in the classroom & car are required to pass.

Notes: The student may reapply for the course if he or she fails, but his or her name shall be placed at the bottom of the list of eligible students for the following year. Also, suspension or expulsion from school for a violation of the district's alcohol & substance abuse policy shall result in the student being placed at the bottom of the list of eligible students for the following year.

Prerequisites: Students must be 15 and have a Vermont learner's permit.

1 SEMESTER PASS/FAIL 1 CREDIT

Grades 10 - 12

3194 Field Ecology: students will investigate topics in ecology including forest ecology, stream ecology, soil, & wildlife. Students will participate in long term ecological research & mapping projects that utilize the fields, forest, & stream around the school campus. Students will monitor the water quality of the Roaring Branch & monitor permanent plots in the woods to observe changes in the forest over time. Students will be expected to engage in scientific inquiry to attain an understanding of local ecosystems.

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 9 - 12

3280 SB Film Studies: Students will examine the history & genres of movies, how to read them, & how they are made. By the end of the semester, students will have a better understanding of what goes on in the art of cinema. Many silent movies will be watched. True interest in movies is needed, not simply in watching them but in analyzing them.

1 SEMESTER NUM. or PASS/FAIL 0.5 CREDIT

Grades 9 - 12

3573 SB Italian: In this course, students will learn basic elements of spoken & written language. Students will also complete cultural projects related to Italian food, music, people, etc. **Prerequisite:** One credit of a romance language (French, Spanish or Latin).

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 9 - 12

3310 SB Health: The mission of health education is to promote healthy behaviors that will help young people acquire the knowledge & skills for a lifetime of wellness. We have the opportunity & responsibility as a school to help students develop the knowledge and skills they need to be healthy & achieve academically. Our curriculum is standards-based, developmentally appropriate, & respectful of current social needs & issues. Some of the content areas that will be addressed & aligned with this skills-based curriculum: alcohol, tobacco, & other drugs, disease, violence & injury prevention; nutrition & physical activity; personal health concepts (family, social, mental & sexual); community, environmental, & consumer health.

1 SEMESTER NUMERICAL 0.5CREDIT

Grades 10 - 12

3755 SB Jane Austen: This short block is offered to 10th, 11th, and 12th grade students who love reading, who are capable of conducting a close reading of approximately 20 pages a night, who willingly participates in class discussions, & who have a desire to learn about Jane Austen & her society through her novels. In addition to reading all 6 of her novels, students will read some of the writings she completed when she was 16 years old. Class size is limited to 15 students. Grade will be based on participation & a two-page paper due at the completion of the class.

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 10 - 12

3772 SB History Through Historical Fiction: History is the study of the common human experience & the interactions of cultures through time; however, to some students history is reduced to obscure names & dates whose meanings are lost. History, when told as a narrative through historical fiction can be compelling & dramatic, while also being informative. Students will read selections from various historical fiction novels & short stories from various time periods. They will balance what they read in the stories with research. Assessment will focus on constructed responses & class discussion, culminating in a final written historical fiction piece on a time period of the student's choosing. This course is designed for students who have had at least one year of social studies.

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 10 - 12

3192 SB Journalism: This course is designed to help students gain knowledge of print & broadcast journalism & to apply journalistic style & integrity to their own stories. Students will analyze various newspapers as well as a class text. Interviewing skills will be developed. Students will write stories dealing with school & off-campus issues. Students will assess stories from their peers to develop editing skills. Legal & ethical boundaries will be explored.

1 SEMESTER PASS/FAIL 0.5 CREDIT

Grades 9 - 12

3601 SB Law and Youth: This course is about student's rights & responsibilities in the home, school & community. There will be videos, speakers, mock trials & selected readings.

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 9 - 12

3178 SB Holocaust Studies: This course will promote learning about the moral, political, & social implications of human behavior. Holocaust Studies will go beyond WW II to examine themes of justice, race, Genocide, stereotypes, diversity, & tolerance. The course studies human nature.

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 9 - 12

3370 SB Lapidary: Students learn basic gem-cutting techniques & become familiar with gemstones & their characteristics. Skills developed include cabochon cutting, gem drilling, & faceting. **Note:** Students may take lapidary for a second time for credit with the permission of the instructor.

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 10 - 12

CDC

3741 SB CAD/3D (1 SEM., 0.5 CR., Fulfills tech. req.)

3723 SB Creative Computing (1 SEM., NUM., 0.5 CR., Grades 9–12)

3740 SB CAD & Fabrication (1 SEM., 0.5 CR., fulfills tech. req.)

See CDC Program of Studies

For more information regarding short block courses visit:
http://www.mauhighschool.com/programs/short_block_courses.shtml

3390 SB Mathematics Lab Tutorial: This course is recommended for students who have failed a previous math course or need extra support to continue to meet success in a current math course. In this course a teacher helps students with their math assignments & course objectives. This course is designed for students in the B, A, or Honors levels. **Prerequisites:** Students must be simultaneously enrolled in a long block B level or higher math course.

Students MUST be recommended in order to enroll.

1 SEMESTER PASS/FAIL 0.5 CREDIT

Grades 9 - 12

3371 SB Math Skills and Concepts 9/3372 SB Math Skills and Concepts 10: These courses address the individual math needs of students. The Renaissance Computerized Math Program will be used to customize practice materials suited for immediate feedback on progress. **Students MUST be recommended in order to enroll.**

1 SEMESTER NUMERICAL 0.5 CREDIT

3774 Media Literacy: Every single day students are exposed to thousands of advertisements, some straightforward, others more subliminal. "Talking heads" saturate radio & television, and opinion blogs masquerade as fact. Popular television & news shows deliver messages about how to speak, act, dress & even think. Even just doing a simple search on the Internet sparks multiple ads catered to a person's previous online searches. Our students are surrounded by a mass of information when they search topics online, but how can they decipher legitimate websites from fraudulent ones? Even traditional news "hype" the story of the hour, making it more & more difficult to separate fact from opinion or to balance what is relevant with what is merely immediate. Media Literacy is the process of critically analyzing & evaluating the mass media through various techniques. It causes students to ask questions about the media & then through reading, writing, & the creation of media itself, decipher propaganda, bias, & censorship in news shows, advertisements & popular culture programs. In an age where students are surrounded by screens, images, & advertisements, it is imperative they learn to understand what goes into media productions & the audiences that are targeted so they can be conscious, educated citizens. This course will focus on analyzing, understanding & creating media to comprehend the manipulation & misrepresentation often shown in the media. Students will learn through persuasive writing & by studying television, film, the Internet, advertisements, texts, print news, radio, rock music & even fashion. In addition, students will create media themselves to understand the workings behind the media & how certain audiences are targeted. Media Literacy courses have proven in other school districts to be highly motivating because these are topics in which students already have a great interest. As educators, it is imperative we teach our students to understand the central role the media plays in society & how to "read between the lines", balance, & interpret what they see & hear through images, ads, stories, & editorials on the Internet, television & radio.

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 11 - 12 (or by teacher recommendation)

3193 Music as Poetry: This short block class will introduce students to a wide variety of music including: classical, opera, protest songs, comical songs, duets, spoken songs, rap, pop, disco, country, alternative, soul, blues, jazz & many more. In addition to types of music we will also study time periods: the Vietnam War, the Roaring Twenties & the Oldies but Goodies of the 40's, 50's and 60's. Like poetry, music has voice, tone, meaning, theme & emotion. We will write about this, as we compare & critique music.

1 SEMESTER PASS/FAIL 0.5 CREDIT

Grades 11 - 12

3450 SB Poetry: This course is available to those students who wish to write & share their poetry. Skills include the ability to listen well, read dramatically & interpret classical as well as contemporary poetry & its cultural function. Publication is a goal.

1 SEMESTER NUM. or PASS/FAIL 0.5 CREDIT

Grades 9 - 12

3315 SB Physical Education II: A required course, usually taken by sophomores, builds on the experiences from Physical Education I. Activities include tennis, archery, golf, badminton, angle ball, volleyball, swimming, dance, weight training, cross-country running, cross-country skiing and orienteering. **Prerequisite:** Physical Education 1

1 SEMESTER (50minutes) NUMERICAL 0.5 CREDIT

Grades 10 - 12

3460 SB Quilting: Quick techniques & shortcuts are emphasized. Students will create a quilt for an at-risk baby & will have the opportunity to make a quilt for themselves. This course provides a fun way for students to provide a community service. Materials provided for baby quilts. **Note:** fulfills 0.5 art credit requirement

1 SEMESTER PASS/FAIL 0.5 CREDIT

Grades 9 - 12

3754 SB Renewable Energy and Energy Conservation: This course will be focused on teaching students about the exciting developments in renewable energy technologies & practices as well as energy conservation efforts. The focus is how these efforts can save people & institutions on energy bills & at the same time help heal our environment. The course will provide an introduction to & comparison of several leading options, along with actual applications of these affordable solutions.

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 9 - 12

CDC

3760 SB Emergency Med Intro. (1 SEM., NUM., 0.5 CR., Gr. 9 - 12)

3713 SB Forensic Investigation (Grades 9 - 12)

3761 SB Mental Illness Intro. (1 SEM., NUM., 0.5 CR. Gr. 9 - 12)

See CDC Program of Studies

3376 Race: An Illusion?: What is race? Are the differences we see between people based upon biological facts or rooted in social differences? Does racism exist only in European-based societies, or is it experienced elsewhere? This course will consider universal tendencies of human beings in trying to explain the world. In what ways do these inclinations determine the way we think about race? We will examine how these understandings affect American society, as well as other societies around the world. This course will examine the ways in which American theories of race influenced many societies, ideologies, & historical events. Students will consider studies that test these theories against scientific evidence. Through current issues (news & media), texts, & film, students will develop a depth of understanding on this timely, complicated topic. Assessment will focus on a final written & oral presentation related to semester-long research of a specific area related to the topic of race. This course is designed as an extension of Holocaust Studies, but does not require any prerequisite courses.

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 10 - 12

3514 SB SAT Success: This course is designed to provide students with the information necessary to achieve the highest possible score on college admissions tests. Students will take sample tests & learn valuable test-taking skills.

1 SEMESTER PASS/FAIL 0.5 CREDIT

Grades 10 - 12

6580 SB School Service: This course is an opportunity for students to provide assistance to school offices including the counseling office, main office, & library. Students also can work as an assistant to a specific teacher. Students enrolled in this course provide valuable community service to the school. Students are expected to assist staff with clerical tasks, delivering passes & materials, setting up classrooms & labs & assisting in many other ways. The student will be given opportunities to develop the skills of reliability, independence and initiative. **Prerequisite:** School counselor recommendation; approval of teacher or relevant supervisor.

1 SEMESTER PASS/FAIL 0.5 CREDIT

Grades 9 - 12

3177 SB Science Fiction: Students will explore the history & the scientific background of science fiction films & literature. Students will write their own stories, & participate in the production of a short play. They will also write movie reviews & reports.

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 9 - 12

3142 SB Scientific Inquiry: The overriding goal of this course is to produce a science fair project. It will require the student to inquire about an issue, research the issue, & present the findings of the research to an audience with appropriate accessories. To do this the student will have to finish the following steps. (1) Pose a scientifically researchable question; (2) find information about the subject topic; (3) do appropriate research & investigation; (4) collect & analyze the results; and (5) display the findings. This course can be taken as a single-semester course, or students may take this course year-long to investigate more deeply.

1 or 2 SEMESTER(S) NUMERICAL 0.5 to 1 CREDIT

Grades 9 - 12

For more information regarding short block courses visit:
http://www.mauhigshschool.com/programs/short_block_courses.shtml

3773 Sports Journalism: Students taking this new & exciting short block will look at various forms of Sports Journalism as it relates to print, television, radio & the internet. Students will learn the basics of journalistic integrity as well as interviewing skills, public speaking, script writing, news writing, editing, etc. students will have opportunities to work closely with media outlets available in our community (Bennington Banner, WBTV, CAT-TV, and the Messenger). Students will learn to live their lives through deadlines, which they will be able to apply to course work in other core areas. Students will be assessed through various types of formats consisting of articles for print, projects to be playing out on cable television, ideas brought to life in radio & so on.

1 SEMESTER NUMERICAL 0.5 CREDIT

Grades 10 - 12 (or teacher recommendation)

3399 SB Study Habits: This course is designed to improve students' skills in effective study habits by way of class discussion & providing time to practice these habits with their current course loads. **Pre-requisites:** English Honors, A, or B levels.

1 SEMESTER PASS/FAIL 1 CREDIT

Grades 9 - 12

3550 SB Symphonic Band: This is a performance based class. Students are required to perform at home football games, town parades, concerts, band camp, & graduation & on awards nights. Students will be issued a uniform. Some instruments are available. The band travels occasionally to perform in music festivals throughout the district, state & New England. **Prerequisite:** Consent of instructor or a previous year in school band program. **Fulfills art requirement**

1 YEAR NUMERICAL 1 CREDIT

Grades 9 - 12

3026 SB World Studies: This course will teach students that they are NOT helpless, that they themselves can make positive change happen. The key to this change is to understand & celebrate the differences in people. Students will be actively engaged in learning about different ways people interact with other people & their environment. Student will also learn about world languages, life styles, religions, music, art, history & conflict resolution.

1 SEMESTER PASS/FAIL or NUMERICAL 0.5 CREDIT

Grades 9 - 12

3445 SB Plants and Flowers: 1 SEMESTER NUMERICAL 0.5 CREDIT

3770 SB Stagecraft: 1 SEMESTER NUMERICAL 0.5 CREDIT **Grades 9 - 12**

CDC

See CDC Program of Studies.

3575 SB Vietnam & the 1960s: This course provides an in-depth look at the conflict in Vietnam, including its impact on American society.

1 SEMESTER PASS/FAIL 0.5 CREDIT

Grades 9 - 12

3092 SB Yearbook: This course will focus on the many areas of yearbook production: photography layout, copy-writing, editing & proofing. Students also will learn the business of book production, including skills such as fund-raising, advertising, communicating with parents, students, & faculty, managing a budget & organizing large amounts of material. Students are encouraged to take this course, offered in the fall, & then join the yearbook staff, which will meet after school in the spring. Students who cannot register for this course are still welcome to work with the yearbook staff in the spring. *Note: Students are encouraged to register for this course more than once.*

1 SEMESTER PASS/FAIL 0.5 CREDIT

Grades 9 - 12

3072 SB WonHwaDo: WonHwaDo, which means "The Way of Harmony," is one of the most traditional martial arts originating in Korea. Its main goal is to teach people how to understand martial art in its original form, meaning living in harmony with each other & with nature. To reach such a level of coexistence, including both respect & understanding, one should learn how to live through the principles of discipline & righteousness. WonHwaDo training is a way to unite mind & body to overcome one's weaknesses & to find harmony within oneself. Focusing on the self-defense aspect of WonHwaDo, this class teaches students how to use the concepts of energy, balance & flowing circular motions in most effective martial arts techniques. The basic motions, which are circular, mostly derive from traditional Korean dance & focus on the endlessness of the circle, its flowing, universal energy & its vitality. Students will also learn about traditional Korean culture, language & way of life. Practicing WonHwaDo can make a great difference in students' lives, health, self-confidence, concentration, inner harmony & understanding of a different culture.

1 SEMESTER PASS/FAIL or NUMERICAL 0.5 CREDIT

Grades 9 - 12

Freshman Specific 50 Minute Courses

3061 SB9 Bridges Quantum Leap English/3062 SB9 Bridges Social Studies: Bridges is both a summer program & a High School year long program. The summer program is designed to support students who have been unsuccessful in meeting academic requirements in grade 8. Eligible students participate in a summer program designed to promote learning & to allow these students to earn back Middle School credit. In this way, some grade 8 students can be promoted to grade 9. Bridges students who complete the summer program continue the program during Grade 9 by taking two year long half credit classes. These are designed to be taken together & essentially create a year long 90 minute class per semester. These classes allow the grade 8 participants to continue the program goals of developing academic, social & transition skills needed for success at the high school. These courses earn a student 1 elective credit & 1 credit in SS1 World History.

2 SEMESTERS NUM. or PASS/FAIL 1 SOC. ST. & 1 ELECT. CR.

3295 SB9 Freshman Forum: This course has been designed for incoming freshmen. The course addresses the academic & social issues that students face when making the transition from Middle School to High School. The class is designed to have a low student to teacher ratio. The goal is to support students academically and socially while providing a positive connection to a teacher and a core group of peers.

1 SEMESTER PASS/FAIL 0.5 CREDIT

Grade 9

COMMUNITY PROGRAMS

Upward Bound: This pre-collegiate program is designed to provide the skills & motivation necessary for success in post-secondary education. The program is divided into two parts: once-a-week tutoring during the academic year & once-a-month counseling & a six-week residential summer program at the Southern Vermont College campus. Students must meet eligibility requirements. This is a quality program designed for students in grades 8 through 12. In most cases, students complete applications during grades 8 or 9. Applications are available from Upward Bound or the counseling office. For more information, call 447-4665.

VSAC: The Vermont Student Assistance Corporation Outreach Program provides activities to help students become successful in post-secondary education. Student knowledge of college expectations, applications, interviews, financial aid & career planning will be enhanced. Students must meet eligibility requirements. Please contact the counseling office or call VSAC at (800) 642-3177 for more information.

Programs beyond the regular Mt. Anthony curriculum are available for those students with special needs and for talented and gifted students in search of additional challenge. Students and parents interested in these programs should consult their school counselors.

For information regarding other programs visit:

http://www.mauhighschool.com/programs/other_programs.shtml