

**Marlboro High School  
50 Cross Road  
Marlboro, NY 12542**

**CLASS OF 2022  
ACADEMIC INFORMATION  
PACKET**



## **ACADEMIC INFORMATION GUIDE**

The high school administration, faculty, and staff extend a warm welcome to all incoming high school students. In this booklet, please find information that may be helpful throughout your high school career.

### **STEPS TO A SUCCESSFUL HIGH SCHOOL CAREER**

- ❖ Take challenging courses.
- ❖ Take world language courses.
- ❖ Begin volunteer work.
- ❖ Get involved in extra-curricular activities.

# **CREDIT**

- ❖ **Credit is earned for a subject studied within a specified time and counts towards graduation requirements.**
- ❖ **40 weeks x 5 days per week = 1 credit**
- ❖ **20 weeks x 5 days per week = 1/2 credit**
- ❖ **Year-long courses that run every other day = 1/2 credit**
- ❖ **A student needs to earn a minimum of 22 credits to graduate from high school.**

# Course Weighting and Honor Roll Requirements

All courses receive a numerical grade and weight (see below).  
The quarterly average on report cards, GPA and class rank reflect the weighted average.

Honors - 1.05

College Bridge (Coll.) - 1.07

Advanced Placement (AP) - 1.07

All other courses receive a weight of 1.0

## Honor Roll Requirements

The Honor Roll is calculated at the end of each quarter.

**Honor Roll with Distinction** - A student must have an overall average of 90 percent or above in all academic areas, including physical education.

**Honor Roll** - A student must have an overall average of 85 percent to 89.99 percent in all academic areas, including physical education.

\*Averages are not rounded-up.

**GRADUATION REQUIREMENTS**  
**Graduating Class of 2022**

<b>LOCAL DIPLOMA</b> <b>**</b> <i>(This Diploma is only available to students with an Individualized Education Plan-IEP, 504 Plan and those who have been declassified)**</i>	
<b>Required Courses</b>	<b>Credits</b>
English	4
Social Studies	4
Math	3
Science	3
World Language (A)	1
Art/Music	1
Health	.5
Physical Education	2
Electives	3.5
<b>TOTAL</b>	<b>22</b>
<b>Required Exams</b> English Regents Exam Math Regents Exam Global Studies Regents Exam U.S. History Regents Exam Science Regents Exam <b>OR</b> Pathway Option	

(A) Students are required to have completed one credit in World Language. One unit of credit is earned by passing the World Language course and the 8<sup>th</sup> grade World Language Check Point A Exam.

## **Required Exam Options for Local Diploma**

### **Low Pass Option**

- Must score at least 55 on the 5 required exams:  
English Regents Exam  
Math Regents Exam  
Global Studies Regents Exam  
U.S. History Regents Exam  
Science Regents Exam  
OR  
Pathway Option

### **Compensatory Safety Net Option**

- Students need to earn a score of 55 or higher on the English Regents Exam and a Mathematics Regents Exam.
- For the remaining three exams, (Global History, U.S. History and Science), students may score between 45-54, provided that they compensate with a Regents exam score of 65 or higher.  
OR  
Pathway Option

**GRADUATION REQUIREMENTS**  
**Graduating Class of 2022**

<b>REGENTS DIPLOMA</b>	
<b>Required Courses</b>	<b>Credits</b>
English	4
Social Studies	4
Math	3
Science	3
World Language (A)	1
Art/Music	1
Health	.5
Physical Education	2
Electives	3.5
<b>TOTAL</b>	<b>22</b>
<b>Required Exams</b> (Must score a 65 or above)	
English Regents Exam Math Regents Exam Global Studies Regents Exam U.S. History Regents Exam Science Regents Exam <b>OR</b> Pathway Option	

(A) Students are required to have completed one credit in World Language. One unit of credit is earned by passing the World Language course and the 8<sup>th</sup> grade World Language Check Point A Exam.

**\*\*Regents Diploma with Honors:** Students must achieve an **average** of 90 percent or higher on all 5 required Regents exams.

GRADUATION REQUIREMENTS  
 Graduating Class of 2022

<b>REGENTS WITH ADVANCED DESIGNATION DIPLOMA</b>	
<b>Required Courses</b>	<b>Credits</b>
English	4
Social Studies	4
Math	3
Science	3
World Language (A)	3
Art/Music	1
Health	.5
Physical Education	2
Electives	1.5
<b>TOTAL</b>	<b>22</b>
<b>Required Regents Exams</b> (Must score a 65 or above)	
English Regents Exam Algebra I Regents Exam Geometry Regents Exam Algebra II Regents Exam Global Studies Regents Exam U.S. History Regents Exam 2 Science Regents Exams World Language Check Point B Exam OR Pathway Option	

(A) Students acquiring 5 units of credit in one of the following may be exempt from the 2 additional World Language credits: Art, Music, Business, or Career and Technical Education.

**\*\*Regents Diploma with Advanced Designation with Honors:** Students must achieve an **average** of 90 percent or higher on 8 required Regents exams (World Language is excluded).

**\*\*Mastery in Mathematics and/or Science:** Students must achieve a score of 85 or better on three commencement level Regents exam in mathematics and/or science.

## Pathways to Graduation 4+1 Option

Students who first enter grade nine in September 2011 and thereafter or who are otherwise eligible to graduate in June 2015 or thereafter, have the following options available in order to meet the assessment requirements leading to a Regents or Local diploma:

**Required four (4):** ELA Regents exam, 1 math Regents exam, 1 science Regents exam, 1 social studies Regents exam (or a Department Approved Alternative for any of the four required exams)

**Pass four (4)** required Regents examinations or Department Approved Alternatives as follows: ELA Regents exam, 1 math Regents exam, 1 science Regents exam, 1 social studies Regents exam

**Plus any one (1) of the following options:**

- Complete all the requirements for the CDOS Commencement Credential found at Multiple Pathways-CDOS option webpage; or
- Pass an additional math Regents exam in a different course or Department Approved Alternative; or
- Pass an additional science Regents exam in a different course or Department Approved Alternative; or
- Pass an additional social studies Regents exam in a different course or Department Approved Alternative; or
- Pass an additional English assessment in a different course selected from the Department Approved Alternative list; or
- Pass a Department approved CTE pathway assessment, following successful completion of an approved CTE program; or
- Pass a Department approved pathway assessment in the Arts; or
- Pass a Department approved pathway assessment in a World Language

-Taken from the New York State Department of Education: <http://www.p12.nysed.gov>

## CDOS Commencement Credential

The NYS **CDOS** Commencement Credential is a credential recognized by the NYS Board of Regents that certifies a student has the knowledge and skills necessary for entry level employment.

# **ENGLISH**

## **Writers Workshop 9**

**No credit**

**Full Year—Every other day**

**Prerequisite: Marlboro Middle School Recommendation in accordance with district RTI process**

English 9: Reading and Writing Workshop is a skills-based, supplemental English course aimed at preparing students for success in their core English class, the NY State English Regents, and on the SAT. This course will focus on improving students' reading, writing, listening, and speaking skills in order to prepare them for high school and college-level courses. This is a non-credit bearing, pass/fail course.

Exit Criteria: 9th grade English Teacher Recommendation, Cumulative class average of 75 or above after the third quarter, Score of 75 or higher on the 2 written checkpoints

## **English 9**

**1 credit**

**Full Year**

English 9 offers an integrative curriculum aligned with the NYS Common Core Learning Standards which emphasizes the mastery of language skills through reading, writing, listening, and speaking. Ninth grade students will be introduced to key literary and higher-level thinking concepts through the reading and analysis of grade-level appropriate texts. In addition, students will use both written and spoken communication and current technology effectively through a wide range of tasks. The completion of an MLA-style research paper is required for this course.

## **English 9 Honors**

**1 credit**

**Full Year**

**Prerequisites: Teacher Recommendation, 94 average at the end of the third quarter in the 8<sup>th</sup> grade, Score of 3 or above on the 8<sup>th</sup> grade ELA State Assessment or STAR assessment of 9<sup>th</sup> grade equivalency or higher, 90% attendance rate**

English 9 Honors offers a challenging curriculum that is aligned with the NYS Common Core Learning Standards for self-motivated students who are independent workers, yet able to work collaboratively with peers. Students must also have a strong work ethic, integrity, and attend school consistently. The completion of a summer reading project, due upon the commencement of the school year, is a prerequisite for entering this course. New literary elements and terminology will be introduced and applied for literary analysis. With each unit, students will be expected to utilize technology to reinforce their

guided and independent study of literature. In addition, students will be expected to communicate ideas effectively through writing and speaking. The completion of an MLA-style research assignment is required for this course. This is a weighted course: 1.05.

## **FINE ARTS**

### **Studio Art**

**1 credit**

#### **Full Year**

This course is the first art course you will need to take before taking drawing and painting, advanced art, and digital photography. It's a comprehensive foundation based on the Elements and Principles of Art and contains a variety of projects such as drawing, painting, digital design, 3-d, mixed media and art history. Some sample projects may include *self-portraits, figure drawing from life, scratchboard designs, collage art and landscape painting. During the second semester, we hand-construct an Art History journal.* This course will prepare the student for future art courses and a possible sequence in art that could lead to AP®/Portfolio Development.

### **Technology I**

**1 credit**

#### **Full Year**

In this basic course of Technical Art students will learn how to visualize and develop insight in solving problems using the combined techniques of drafting and CAD (Computer Aided Design) drawing. The use of drafting software, line weighting, lettering, dimensions, single, multi-view, orthographic and auxiliary drawing as well as pictorial drawing will be covered in this course. All areas will be enhanced by employing the Autodesk AutoCAD 2018 suite of programs. This course meets the fine arts requirement in accordance with NYSED.

### **Band**

**1 credit**

#### **Full Year**

**Prerequisite: Previous experience playing a band instrument**

This course is open to all instrumentalists who wish to gain additional skills of musicianship, while exploring music of both American and other cultures. Students are assessed on their performance of method book assignments, scales, and band music during weekly small group lessons, which occur on a rotating schedule. The band performs the winter, spring, and scholarship concerts, the Marlboro/Milton Memorial Day Parade, and at other community events. The band also performs at the NYSSMA Majors festival on a level 4 or 5. In addition, students in band may choose to

join other ensembles at MHS. Students may also elect to perform at the NYSSMA Solo & Ensemble festival.

## **Chorus**

**1 credit**

### **Full Year**

The Marlboro High School Chorus program consists of participation in Chorus or Select Choir. The Select Choir is primarily an a cappella ensemble that performs music of the most difficult levels and is an auditioned group, which meets afterschool. Chorus is for anyone who has a love for singing, but has not completed an audition. Chorus focuses on the skills needed to be successful in a select ensemble while maintaining a consistent and high level of performance. Each member receives vocal lessons on a rotating schedule. The lessons are directed not only toward the technical advancement of the student in materials used in full ensemble rehearsals, but the development of concepts relating to musical content, structure and style. Since this is a performing class, all members are required to attend all concert performances throughout the year. It is important to note that performances take place during evening hours and are absolutely mandatory. Each Choir will potentially compete every year in the New York State School Music Association (NYSSMA) ensemble evaluation, as well as occasional competitions/performances out of the area. Selected students also perform in NYSSMA Solo and Ensemble festivals, All County, Zone 9 and State Honors ensembles. These ensembles are also a great place for anyone with superior piano skills to display and perfect their talent.

## **Acting I/II**

**1 credit**

### **Full Year**

This year long, activity-oriented course is designed to enhance students' acting skills and broaden their understanding of performance. Students will study basic principles of acting and character analysis. They will explore the use of objectives, obstacles & choices. Each student will learn basic stage/rehearsal terms and then be able to apply them to their performance. Activities include performances of monologues/scenes, writing dialogue, directing scenes, resume building and improvisational theatre performances. This class is perfect for students who are interested in professional acting, those who enjoy performing, and those who would like help building confidence in their public speaking. If you have a love of acting or have always wanted to try performing, Acting I/II is the place to go.

# MATHEMATICS

## Algebra IA Common Core

**1 credit**

**Full Year**

**Prerequisites: Level 1 or Level 2 on the 8<sup>th</sup> grade math assessment and 8th grade math teacher recommendation**

Common Core Algebra IA is the first course of a two year program designed to prepare students for the Common Core Algebra Regents Exam. Placement may be determined by scoring Level 1 or Level 2 on the 8th grade math state assessment. Common Core Algebra IA is intended for the student who had difficulty in 8th grade Math. The program will develop the skills necessary for the more rigorous Common Core Algebra IB. A slower pace will allow in depth exposure to the four basic operations applied to variable expressions and equations. With successful completion of this course, the following year students will take Common Core Algebra IB and take the Common Core Algebra I Regents Exam in June. There will be a school final exam during exam week in June.

## Algebraic Fluency

**1/2 credit**

**Full Year (every other day)**

The purpose of this course is to enhance the learning of required fluencies in Algebra I Common Core through solving characteristic word problems, performing operations on polynomials, transforming expressions using factoring, completing the square and other algebraic calculations. Projects utilizing the graphing calculator and problem solving skills will help close existing gaps. Regents exam preparation and course fluencies will be an emphasis of this course.

## Algebra I Common Core

**1 credit**

**Full Year**

**Prerequisites: 8<sup>th</sup> grade math teacher recommendation, a passing grade of 70% or better in Math 8 and on the Math 8 Final exam.**

Common Core Algebra I is the first course in New York State's three year sequence. New York State requires all students to pass a Mathematics Regents Exam to satisfy Regents Diploma requirements. The objective is for each student to be successful on the Common Core Algebra I Regents Exam. The focal point of this course is the Algebra content strand. Topics include linear equations in one variable, quadratic functions with integral coefficients and roots, absolute value, exponential functions, coordinate

geometry, data analysis, right triangle trigonometry, and elementary probability. Application problems and multiple solution methods will also be explored.

### **Geometry Honors Common Core**

**1 credit**

**Full Year**

**Prerequisites: Passing grade of 85% or better in Common Core Algebra I and a grade of 80% or higher on the Common Core Algebra I Regents Exam**

Common Core Geometry is the second course in New York State's three year sequence. If a student is seeking a Regents Diploma with Advanced Designation, the state requires passing the Common Core Geometry Regents Exam as one of the three required math exams. The objective is for each student to be successful on the Common Core Geometry Regents Exam. Students will study geometric relationships formally and informally. Students will be required to demonstrate mathematical reasoning through formal proofs and problem solving; investigate properties of triangles, quadrilaterals, and circles; transformational and coordinate geometry; 3-dimensional geometry and logic. All students will take the New York State Common Core Geometry Regents examination at the end of the year. The Honors level courses are recommended for those students who need to be challenged beyond the Regents level. The Honors math program is an accelerated and enriched Regents curriculum with high expectations and a rigorous workload that moves at an increased pace. Students require above average math skills, a willingness to pursue knowledge for the sake of knowledge, and a good work ethic. It should be noted that maintaining high grades in this program becomes increasingly more difficult each year as a result of a more challenging and demanding workload.

## **PHYSICAL EDUCATION**

### **Physical Education**

**1/2 credit**

**Full Year (every other day)**

All students in grades 9 - 12 are required to partake in and successfully complete 4 years of Physical Education. Physical Education prepares students with the knowledge and skills to lead physically active and physically fit lives. Physical Education, through wholesome activities and active participation, will develop students' physical skills and provide opportunities for students to acquire and demonstrate social skills, cooperative skills, diligent work habits, respect for others and integrity.

# **SCIENCE**

## **Biology: Living Environment**

**1 credit**

### **Full Year**

The Living Environment is a one year course designed to give students a comprehensive knowledge of the science of Biology. Course content includes: the scientific method, characteristics of living things, cell structure and function, biochemistry and cellular processes, cell division and reproduction, homeostasis, modern and applied genetics, classification and evolution, ecology and human impact on the environment, and human anatomy and physiology. Scientific tools, appropriate laboratory techniques, and scientific writing skills will be learned and applied in the laboratory section of the course. To be eligible to take the Living Environment Regents Examination, students must complete AND pass 1,200 minutes of laboratory activities, with a complete set of each student's completed labs kept on file with the teacher, as mandated by the NYS Board of Regents. The course will culminate with students taking the New York State Regents Examination in The Living Environment.

## **Earth Science: Physical Setting**

**1 credit**

### **Full Year**

#### **Prerequisite: Biology: Living Environment**

The course follows the Earth Science Core Curriculum guide produced by the New York State Board of Regents that emphasizes study, investigations, and problem solving activities. Core areas include: mapping, rocks and minerals, crustal movement, weather, climate, weathering erosional and depositional processes, astronomy, geological history and stewardship of the planet Earth. The course will culminate with students taking the Physical Setting Earth Science Regents Exam.

## **Honors Earth Science: Physical Setting**

**1 credit**

### **Full Year**

#### **Prerequisites: Teacher recommendation and an 85 or higher average in previous science class.**

This course will cover all the topics included in the Earth Science: Physical Setting course. However, each topic will be covered in more detail and/or extra topics will be covered. This course will also move at a faster pace and better prepare students for college.

# **SOCIAL STUDIES**

## **Global History and Geography 9**

**1 credit**

### **Full Year**

This course is based upon the Social Studies standards of history, geography, economics, and civics. The course utilizes a chronological format organized around themes and concepts. The themes/concepts of belief systems, change, culture and intellectual life, diversity, economic systems, environment, geography, imperialism, inter-dependence, justice and human rights, movement of people and goods, nationalism, political systems, science and technology and urbanization are examined in the analysis of world regions. The following Global History eras are included:

- I. Introduction to Global History, Ancient World
- II. Ancient World: Civilizations and Religion (4000 B.C. to 500 A.D.)
- III. Expanding Zones of Exchanges and Encounter (500 – 1200)
- IV. Global Interactions (1200 – 1650)
- V. The first Global Age (1450 – 1770)

## **Global History and Geography 9 Honors**

**1 credit**

### **Full Year**

**Prerequisites: Class average of 90 or better for the 8<sup>th</sup> grade US History & Government Class, and teacher recommendation**

This course is based upon the Social Studies standards of history, geography, economics, and civics. The course utilizes a chronological format organized around themes and concepts rather than by world regions. The themes/concepts of belief systems, change, culture and intellectual life, diversity, economic systems, environment, geography, imperialism, inter-dependence, justice and human rights, movement of people and goods, nationalism, political systems, science and technology and urbanization are examined in the analysis of world regions. The following Global History eras are included:

- I. Introduction to Global History, Ancient World
- II. Ancient World: Civilizations and Religion (4000 B.C. to 500 A.D.)
- III. Expanding Zones of Exchanges and Encounter (500 – 1200)
- IV. Global Interactions (1200 – 1650)
- V. The first Global Age (1450 – 1770)

The honors course has increased the use of primary source documents and inquiry learning methods, as well as the use of student driven research and presentation. It also uses higher order critical thinking lessons for increased development of the Global content.

# **WORLD LANGUAGE**

## **Spanish I**

**1 credit**

### **Full Year**

This introductory course in world language provides the student with the basics of the four language skills; listening, speaking, reading and writing. The course is presented in a communicative style, with emphasis placed on using the language to communicate in everyday situations. Topics covered include health, family life, home, food, etc. Some rudimentary grammar will be included. The final is a departmental exam.

## **Spanish II**

**1 credit**

### **Full Year**

#### **Prerequisite: Spanish I**

Spanish II is a continuation of the study of skills started in Spanish I. Emphasis is placed on verbal and written communication in the target language, and each student's proficiency in listening, speaking, reading and writing is increased with daily practice. All units contain vocabulary and grammar which reflect New York State Standards for Level II. Topics to be studied include personal identification, hotels, house and home, the daily routine, community and neighborhood, technology, and the physical environment. The course is designed to prepare students to communicate successfully in the target language and to be successful in Level III Spanish. The final for Level II is a departmental exam.