

OUR MISSION

To educate all students
to become skillful learners
and responsible, productive citizens



Dear Parents and Students:

The Mt. Hope High School Program of Studies represents the efforts of teachers, guidance counselors, department chairs, and administrators to offer a selection of quality courses that meets the educational needs of all students. This Program of Studies is designed to help students select courses and construct an educational plan that will provide the proper foundation for a positive high school experience and better prepare students for a successful future.

During the program planning process, I encourage parents and students to carefully review this document and design a course of studies that meets the academic expectations and individual goals of the student. Please do not hesitate to contact your teachers, guidance counselors, and administrators for assistance with this very important task.

Sincerely,

A handwritten signature in cursive script that reads "Donald J. Rebello".

Donald Rebello, Principal

MT. HOPE HIGH SCHOOL ADMINISTRATION

(401) 254-5980

Donald Rebello, Principal	ext. 3004
Jennifer Copeland, Assistant Principal	ext. 3020
Deborah DiBiase, Assistant Principal	ext. 3004
William Pabst, Dean of Students	ext. 3016



BRISTOL WARREN REGIONAL SCHOOL COMMITTEE

JOHN C. BENTO, CHAIRPERSON
PAUL SILVA, VICE-CHAIRPERSON
KAREN A. LYNCH, SECRETARY
MARJORIE MCBRIDE, TREASURER
DIANA B. CAMPBELL
WILLIAM O'DELL
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GRADUATION EXPECTATIONS

In response to the R.I. Board of Regents' High School Regulations, Mt. Hope has developed a new proficiency based diploma that incorporates the traditional Carnegie Unit requirements with proficiency-based graduation requirements in the following areas: ELA, Mathematics, Science, Social Studies, the Arts and Technology. Students will show evidence of proficiency in the PBGR, as well as in an area of specialized interest, on their Digital Portfolio.

The elements that will be included for Mt. Hope High School students are:

1. Completion of 23 Carnegie Units (Credits)
2. Completion of Proficiency-Based Graduation Requirements (PBGRs)
3. Participation in the PARCC assessments per RIDE regulations
4. Participation in the Science NECAP per RIDE regulations
5. Creation and maintenance of an Individual Learning Plan (ILP)

Each element is described in further detail below:

1. Completion of 23 Carnegie Units (Credits)

Carnegie units represent the measurement of a course's value. One unit courses meet continuously for the entire school year. A semester course is valued as a .5 unit. All students must pass (65% or above) the following units of coursework in order to graduate:

<u>Content Area</u>	<u>Carnegie Units (Credits)</u>
Arts	1
English (1 course per year)	4
Social Studies	3
Mathematics (1 course per year)	4
<i>(4 credits must be earned in 4 different math courses. 4th math can be a math-related course)</i>	
Science	3
Physical Education/Health	2
Electives*	6
*from any of content area at Mt. Hope High School	
Total Units	23

2. Demonstration of proficiency in Mt. Hope's Proficiency-Based Graduation Requirements (PBGRs)

Students must also demonstrate proficiency in all of Mt. Hope's Proficiency-Based Graduation Requirements (PBGRs). All artifacts must be one of the following types of assessments: common tasks, performance tasks aligned to a PBGR, NECAP assessment results, Comprehensive Course Assessments (CCAs), or a project, product or performance completed outside of school which is aligned to a Mt. Hope PBGR and assessed by faculty or administration using Mt. Hope's school-wide rubrics. Students will show evidence of proficiency in Mt. Hope's PBGRs in their (1) Digital Portfolios and on (2) Comprehensive Course Assessments (CCAs).

Students must also demonstrate proficiency in all of Mt. Hope High School's Proficiency-Based Graduation Requirements (PBGRs). All artifacts must be one of the following types of assessments: common tasks, performance tasks aligned to a PBGR, NECAP assessment results, Comprehensive Course Assessments (CCAs), or a project, product or performance completed outside of school which is aligned to a Mt. Hope PBGR and assessed by faculty or administration using Mt. Hope's school-wide rubrics. Students will show evidence of proficiency in Mt. Hope's PBGRs in their (1) Digital Portfolios and on (2) Comprehensive Course Assessments (CCAs).

All juniors **must participate** in a Portfolio Panel Presentation during the spring of their junior year. If a student successfully completes all PBGRs and the portfolio presentation, s/he will not be required to present during his senior year. If a student **has not** met all PBGRs, the student must participate in the portfolio panel presentation in which s/he details her/his action plan for completing outstanding requirements. The action plan will be developed and reviewed with the Digital Portfolio Coordinator. Students who fail to participate in the Junior Portfolio Panel Presentation may lose social privileges. Students will be required to meet with the administration and to participate in a portfolio panel presentation.

Seniors who did not meet PBGRs during their junior year must participate in a Portfolio Panel Presentation during the spring of their senior year. If a student does not achieve proficiency after participating in the Portfolio Panel Presentation, s/he must meet with the Digital Portfolio Coordinator to develop a plan to complete requirements.

Seniors must complete all Proficiency Based Graduation Requirements by the last day of the Senior Final Examination Period. Under extraordinary extenuating circumstances, exceptions may be granted by the principal or his designee.

PROFICIENCY-BASED GRADUATION REQUIREMENTS (PBGR)

COMMUNICATION

1. Interactive Listening
2. Oral Presentations
3. Report Writing
4. Procedural Writing
5. Persuasive Essay
6. Text-based Writing
7. Reflective Writing
8. Narrative Writing
9. Poetry Writing
10. Reading and Responding to an Informational Text
11. Reading and Responding to a Literary Text

PROBLEM SOLVING AND CRITICAL THINKING

12. Problem Solving
13. Number and Operations
14. Geometry and Measurement
15. Functions and Algebra
16. Data, Statistics and Probability
17. Think Sequentially
18. Investigate, Analyze & Interpret Informational Resources
19. Investigate Through Inquiry
20. Understand Systems and Energy
21. Relate Form to Function
22. Apply Scientific Principles to Real-World Situations
23. Performing and/or Visual Arts
 - M1* Read and Perform Music
 - M2* Create Music
 - M3* Respond to MusicOR
 - VA1* Create a Variety of Art Forms
 - VA2* Communicate Intent
 - VA3* Respond to Exemplar Works
 - VA4* Reflect on Personal ArtworkOR
 - T1* Create Characterizations or Functional Designs
 - T2* Act or Apply Tech Theatre Knowledge in Play Performance
 - T3* Respond to Theatre

RESEARCH

24. Research

REFLECTION AND EVALUATION

25. Maintain a Mt. Hope Digital Portfolio

3. Participation in the PARCC Assessments

Students must participate in the administration of the PARCC assessment in English Language Arts and Mathematics according to a timetable determined by the Board of Regents for Elementary and Secondary Education. These assessment results shall be included on student transcripts. Students may choose to use these results as evidence of proficiency in Mt. Hope's PBGRs. Students must indicate how the result is aligned to Mt. Hope's PBGR's and reflect upon the work.

4. Participation in the Science NECAP

Students must participate in the administration of the NECAP Science assessment according to a timetable determined by the Board of Regents for Elementary and Secondary Education.

5. Creation and maintenance of an Individualized Learning Plan (ILP) Each student will create an ILP with assistance and support from the Guidance Department, parents and members of the Mt Hope Community. This process is accessible through the digital portfolio. It is created, maintained and reviewed throughout the year and includes such components as an assessment of skills, values, interests, the creation of goals, and is aligned to the course selection process. The graduation portfolio will be based upon interests identified in the ILP.

Parent(s)/Guardian(s) of a student who has not met the above requirements, has an active Individual Education Plan (IEP), is eligible for a Free and Appropriate Education (FAPE) until the age of twenty-one, will have completed four years of high school and who wishes to participate in the graduation ceremony with his or her class, may request that the student participate in graduation ceremonies and receive a Certificate of Individual Achievement.

POST SECONDARY REQUIREMENTS

Students who want to attend college should be aware of the Board of Regents mandated program for college preparatory students which includes 4 units of credit in English, 4 units of mathematics, 2 units of laboratory science, 2 units of one foreign language, 2 units of social science and history, ½ unit in the arts, ½ unit in computer literacy and at least 4 units of other college preparatory course work. These are minimal and do not meet all of the Mt. Hope High School requirements for graduation.

Each college or specialized technical school has its own admission requirements. Those requirements are published in annual bulletins which can be found in the guidance department along with a number of educational and occupational reference sources. Students should also utilize college web sites, write to and visit schools and colleges, schedule interviews and take advantage of college tours.

GRADING POLICY

♦ **GRADES**

The school shall employ a uniform weighted grading system awarding the following marks:

A+ (97-100)	A (93-96)	A-(90-92)	B+ (87-89)	B (83-86)	B- (80-82)
C+ (77-79)	C (73-76)	C- (70-72)	D (65-69)	F (55-64)	

♦ **MARKING SYSTEM**

Report cards are issued four times annually at the end of each term. Mid-term progress reports are available through the online parent portal of the student information system.

♦ **HONOR ROLL**

To be eligible for the Honor Roll, students must receive grades in at least 6 courses at Mt. Hope High School. The Honor Roll is computed four times each year based on quarterly grades. Students who earn a cumulative B average with no grade lower than a C will be placed on the Honor Roll. Students who earn a cumulative A- average or above with no grade lower than a C will be identified as achieving high honors.

♦ **PROMOTION POLICY**

Students will be placed in the appropriate grade and promoted based upon the successful completion of English and Math courses and number of Carnegie units earned. Students will be classified by grade based on the following units earned:

<u>Earned Credits</u>	
Grade 9	0-6
Grade 10	6-12
Grade 11	12-18
Grade 12	18+

♦ **CLASS RANK ***

For college admissions purposes, a temporary class rank is computed at the end of the eleventh grade. The final rank from which the class valedictorian and salutatorian are selected is computed at the end of the Senior Examination period. Class rank is calculated by adding the quality points earned. Quality points are calculated by multiplying the grade earned by the credit hour value by the weight factor.

For the classes of 2015 and on, a weighted GPA is based on the following scale:

A+ = 4.33, A- = 3.66, B+ = 3.33, B = 3.00, B- = 2.66, C+ = 2.33, C = 2.0, C- = 1.66, D = 1.0, F = 0

The following will be considered when computing class rank: Members of the senior class who have attended Mt. Hope for at least three years (all of grades 10, 11 and 12) are included in the rank.

A maximum of 7 credits earned per school year will be included in the ranking process.

Courses are weighted differently. Weighted factors are as follows:

Advanced Placement	= 1.25
Pre-AP	= 1.22
Honors	= 1.20
College Preparatory	= 1.10
Foundations/Electives	= 1.05
PPS/ELL	= 1.00

INCOMPLETE GRADES

Under extenuating circumstances, a teacher may request permission from the Assistant Principal to Guidance to issue an incomplete grade for a student. Since an incomplete grade cannot be a final grade, it is the responsibility of the student and parent to arrange a schedule with the teacher to complete his work within two weeks of the end of the quarter. At the end of the two weeks, the teacher will finalize the student's grade.

♦ GRADE AND CREDIT CHANGES

A grade and/or credit change can only be changed by the teacher of record for the specific course at issue or by the principal where the course was taken and the change is being requested due to either a math error or bias. If the student has left the school, any grade and/or credit change by either the teacher of record or the Principal must be reviewed and approved of by the superintendent.

MT. HOPE HIGH SCHOOL HONOR SOCIETIES

♦ **NATIONAL HONOR SOCIETY:** Selection is administered during second semester of junior year. Selection is based on students demonstrating excellence in four areas – Scholarship, Leadership, Character, and Service.

Scholarship is assessed using an average of a student's course grades with the following weighted values:

Advanced Placement	= 1.25
Pre-AP	= 1.22
Honors	= 1.20
College Preparatory	= 1.10
Foundations/Electives	= 1.05
PPS/ELL	= 1.00

An average of 95 or higher, using the above weights, qualifies a student to be academically eligible.

Leadership, Character, and Service are all demonstrated by eligible students on the "resume" portion of the NHS application, once it is determined which students shall be academically eligible.

Students are required to submit 8 recommendations from their teachers and one from their Guidance Counselor. Recommendation asks the reviewer to comment on 17 areas of the student's Scholarship, Leadership, Character, Service and worthiness for NHS acceptance.

Using a scale of 1 to 5, across the 17 areas with 5 being the least desirable, students must have an average of ratings of 1.5 or lower.

Students submitting an application for acceptance are required to submit a review from the Dean of Students which confirms that the student has no discipline issues or discipline history which would preclude acceptance over questions regarding the student's Character.

♦ RI HONOR SOCIETY:

Selection is administered following the end of the first semester of senior year.

Selection is based on a non-weighted average of course grades, from freshman year through the end of first semester of senior year, of a B+ or higher, per Rhode Island Honor Society by-laws.

- ♦ **THE ART HONOR SOCIETY:** The Art Honor Society is a chapter of the National Art Honor society, which has a charter from the National Art Education Association. Participation is open to students in grades 10 – 12 who are currently enrolled in an art class, and maintain an B- or better average in their art courses. Students must attend meetings regularly, provide service to the community, and be committed to excellence in their artwork.
- ♦ **FOREIGN LANGUAGE HONOR SOCIETY:** The Mt. Hope High School Foreign Language Honor Society recognizes the achievements of students who excel in foreign language study. Seniors who are currently enrolled in a level IV or V language course who have maintained a B+ average throughout their years of foreign language study are eligible for membership.

COURSE SELECTION PROCEDURE

Thoughtful, informed course selection is an important component to academic success and needs to be taken seriously by students and parents. It is a process that must involve the recommendations of teachers, consideration of the student's past performance and future life plans. During the process of selecting courses, students should consult appropriate teachers, their guidance counselors and their parents/guardians. Students complete the COURSE SELECTION WORKSHEET by obtaining appropriate faculty and parent/guardian signatures

Failure to complete and submit the COURSE SELECTION WORKSHEET may result in a student not being properly scheduled. Once a program has been selected, approved, and loaded into the computer, it will be considered final. Materials and textbooks are purchased, teachers are hired, and rooms are scheduled. Adjustments must be made before the end of the current school year. Courses will run based on the figures entered during this process. If a course must be cancelled, students will be given the opportunity to make an alternative selection.

SCHEDULE CHANGES and DROP/ADD PERIOD

Only register for classes that you intend to take and complete. Do not register for classes with the idea that changes will be made if things do not work out. A decision to elect a course is much like a contract. All changes in a student's schedule will be made in accordance with the following guidelines and restrictions:

Schedules will be distributed in the spring to allow students to make required adjustments prior to the close of the school year. **Please contact the Guidance Department as soon as you know a change is necessary.**

Course changes are subject to the availability of space in the requested course. Teacher preference cannot be the basis of course changes.

DEADLINE TO CHANGE OR DROP A COURSE

The deadline for all students in all grades to add or drop a yearlong or first semester course is the 15th day of the first quarter. For courses beginning in the second semester, the deadline to add or drop a course is the 15th day of the third quarter. Students must obtain a Request for a Schedule Change Form from the Guidance Department. This form must be returned with parent/guardian's signature. Students will only be allowed to change a level or drop a course with written parental/guardian approval.

Only under extraordinary situations will allowances be made for the course changes after the deadline. In such cases, the parent of the student must write a letter of appeal to the principal explaining how the student's circumstances at the time of the requested changes are significantly different from the circumstances at the deadline.

Students who are allowed to drop a course or students who are removed from a class for disciplinary reasons after the deadline date to drop a course will receive a grade of WITHDRAWN (W) on the high school record. Students who receive a grade of W will not receive an average nor be awarded any credit for the course. A letter of appeal should be addressed to the principal. The high school record will appear as follows:

Course	Q1	Q2	Q3	Q4	Final Grade	Credit
Precalculus	W					0

HONORS COURSE REQUIREMENTS

Students electing "Honors" level courses must:

- Accept the academic rigor of the course;
- Realize that "Honors" level courses require a significant investment of time including a considerable amount of homework;
- Have the willingness to perform independent work which includes, but is not limited to content readings, research projects, experimental projects and presentations;

- Have the ability and willingness to utilize higher order critical thinking skills at an above average level in order to analyze and solve problems;
- Use well developed skills learned in previous courses;
- Be prepared to complete in-depth projects or investigations as required.

ADVANCED PLACEMENT (AP) COURSE REQUIREMENTS

Students enrolled in Advanced Placement courses are expected to take the Advanced Placement examinations offered in the spring. **Failure to take the AP examination will result in the surrender of AP status on the student's transcript.**

Students are responsible for payment of applicable AP examination fees set by the College Board. Financial assistance is available for qualifying students. Students should speak to their guidance counselors about obtaining financial assistance.

Failure to pay for the AP examination will result in the surrender of AP status on the student's transcript. Updated transcripts will be sent to post-secondary schools, colleges and universities.

Mt. Hope High School currently offers the following AP courses:

English Literature and Composition
English Language and Composition
Spanish Language and Composition
French Language and Composition
Spanish Literature and Culture
U.S. History
European History
Psychology
Macroeconomics
Calculus AB

Statistics
Biology
Chemistry
Environmental Science
Physics I
Music Theory
Research
Studio Art 2-D
Studio Art 3-D
Drawing

CONCURRENT ENROLLMENT PROGRAM

Students who qualify are afforded the opportunity to apply to college and, if accepted, complete their senior year of high school, concurrently, while enrolled in college as freshmen. Mt. Hope presently participates in concurrent enrollment programs with Community College of Rhode Island's Running Start and High School Enrichment Programs, as well as Johnson & Wales University's Early College Enrollment Program. It is very important to begin investigating opportunities for concurrent enrollment during junior year. Most colleges and programs adhere to strict application deadlines.

COLLEGE CREDIT COURSES

Students take approved college level courses as part of their high school program and earn both high school and college credit. Mt. Hope has articulation agreements for approved college credit courses with the following colleges or universities:

Community College of RI:

- Accounting I and II

Rhode Island College Early Enrollment Program (EEP):

- Engineering Design
- Calculus
- Music Theory
- Advanced Digital and Audio Recording
- Statistics

University of Rhode Island:

- URI Writing

Please see teachers and/or guidance counselors for specific guidelines indicated in articulation agreements.

VIRTUAL HIGH SCHOOL (VHS)
Online High School Courses over the Internet

VHS NetCourses are either a semester or a year in length, and they are delivered to students around the United States and the world via the Internet. Using a private password, each student accesses his or her NetCourse from any computer with an adequate browser (such as Netscape Navigator, Internet Explorer or Google Chrome) and an Internet connection. VHS NetCourses are seminar-based: students interact, exchange information, and participate in group discussions with their classmates and their teacher. The courses are also asynchronous, which means students can join discussion and work on assignment at any time according to their own schedules.

Due to the individualized nature of the VHS courses, students electing to enroll in VHS courses should be independent learners with outstanding time management skills. Students will only be allowed to enroll in VHS courses under the following conditions: 1). the course is not currently offered at Mt. Hope High School 2). a student has an unresolvable schedule conflict. Courses should be elected in consultation with the student's guidance counselor and the VHS Site Coordinator.

SPECIALIZED STUDENT SUPPORT SERVICES

◆ **ALTERNATIVE LEARNING PROGRAM (ALP) (16000)**

Academic instruction in high school course work is planned for each student via an individualized education plan (IEP). Small group size enables individual and small group instruction. The environment of a high structured, low stimulus setting is provided to give students the maximum learning conditions. The alternative program employs a comprehensive and logical contingency management system, which assigns to students a level of privilege based upon their behavior. Additionally, behavior management techniques are employed and designed according to the individual needs of each student. Contracting, checklists, short-term, long-term, and medium goals and objectives, and reinforcement menus are all used to positively reinforce new and appropriate behaviors. Milieu therapy is a part of the Alternative Program experience. Students operate within the framework of a small community whose rules apply equally to all members. Issues and problems are shared communally and solved and addressed the group and its representatives with immediacy. Both confrontation and support are an integral part of its technique which is used to effect behavioral and attitudinal change. Interested students need to discuss these options with their guidance counselor.

◆ **FLEXIBILITY FOR ALTERNATIVE PROGRAMS**

In an effort to help students achieve personal goals, Mt. Hope High School will consider approval of alternative programs. Programs should be linked to the students' Individual Learning Plans (ILPs). See your guidance counselor for more information.

◆ **MT. HOPE PLUS**

This alternative program is designed to assist a limited number of qualifying students. Under close teacher supervision, students take a technologically assisted, self-paced approach to graduation.

◆ **ENGLISH AS A SECOND LANGUAGE (ESL)**

The goal of the ESL program is to provide appropriate language experiences so that students with limited English skills may become proficient in English. The program emphasizes the acquisition of interpersonal communication skills and encourages competitive academic skills. Instructional strategies promote effective speaking, reading, writing, listening, and thinking in English. Credit is earned through all ESL courses.

GUIDANCE DEPARTMENT

The mission of the Guidance Department at Mt. Hope High School is to support the academic, emotional, social, personal and occupational growth of all students. The counselors help each student understand and fulfill his/her potential for being a skillful learner and a responsible, productive member of our school and community.

MT. HOPE GUIDANCE COUNSELORS

Sherry Atkinson	atkinsons@bw.k12.ri.us	ext. 3027
Theresa Brodd	broddt@bw.k12.ri.us	ext. 3025
Karen Ferreira	ferreiraka@bw.k12.ri.us	ext. 3007
Brian MacDougall	macdougallb@bw.k12.ri.us	ext. 3024
Diane Nappi	nappid@bw.k12.ri.us	ext. 3023

OTHER WAYS TO STAY IN TOUCH WITH THE GUIDANCE DEPARTMENT:

- Follow us on Twitter at **#mhguidance**
- Bookmark our webpage **www.mthopeguidance.com**

NAVIANCE

The Mt. Hope Guidance Department uses Naviance.

Naviance is a web-based program for college and career planning for students and families. Naviance allows students to:

- Get involved in the planning process - build a resume; manage timelines and deadlines for making decisions about colleges and careers.
- Sign up for college visits directly online - find out which colleges are visiting our school and sign up to attend those sessions.
- Match colleges to specific criteria that you select and that's important to you.
- Access college profiles and websites.
- Review results from inventories such as "Do What You Are" and the "Career Interest Profiler" to match personality, interests and skills with future majors and careers.

View scholarship information and so much more! The Guidance Counselors and Teachers use to send school materials (transcripts, counselor recommendations, teacher recommendations, etc.) directly to colleges. We will meet with all students in Grades 12, 11, 10 and 9 each year to familiarize them with Naviance. Students will receive access to their accounts during their freshman year. Every year, students will be asked to complete different college and career tasks to help them plan for their post-secondary lives.

HUMANITIES DEPARTMENT
English, Social Studies and Foreign Language

ENGLISH LANGUAGE ARTS & READING

ENGLISH

English Ext. 3223

3033 ENGLISH 9 HONORS

1 Credit♦ Gr. 9

English 9 Honors is a rigorous, skills-based course in which students learn to implement effective strategies to improve their reading and writing. Students will read and respond, through oral and written analysis, to short stories, poems, informational texts, and major works. In addition, students will produce constructed responses as well as argumentative, informational/explanatory, and narrative essays. In this fast-paced course, students will be required to work independently and complete Honors extensions. The rigor of the curriculum instruction will begin to prepare students to develop the skills, habits of mind and concepts to be successful in AP English.

Recommended: STAR G/E 8.5

3062 ENGLISH 9 CP

1 Credit♦ Gr. 9

English 9 College Preparatory is a skills-based course in which students learn to implement effective strategies to improve their reading and writing. Students will read and respond, through oral and written analysis, to short stories, poems, informational texts, and major works. In addition, students will produce constructed responses as well as argumentative, informational/explanatory, and narrative essays.

Recommended: STAR G/E 7.0

3090 ENGLISH 9

1 Credit♦ Gr. 9

English 9 is a highly structured, skills-based course in which students learn to implement effective strategies for reading and writing. Students will read and respond, through oral and written analysis, to short stories, poems, informational texts, and major works. Through extensive scaffolding and direct instruction, students will produce constructed responses as well as argumentative, informational/explanatory, and narrative essays.

3124 ENGLISH 10 HONORS

1 Credit♦ Gr. 10

English 10 Honors is a rigorous, skills-based course in which students learn to implement effective strategies to improve their reading and writing. Students will read and respond, through oral and written analysis, to various short stories, poems, informational texts, and major works. This course will take an interdisciplinary approach considering texts within historical, social, cultural, and political contexts. In addition, students will produce constructed responses as well as argumentative, informational/explanatory, and narrative essays. In this fast-paced course, students will be required to work independently and complete Honors extensions. The rigor of the curriculum instruction will begin to prepare students to develop the skills, habits of mind and concepts to be successful in AP English.

Recommended: STAR G/E 9.5

3152 ENGLISH 10 CP

1 Credit♦ Gr. 10

English 10 CP is a college-preparatory skills-based course in which students learn to implement effective strategies to develop their reading and writing. Students will read and respond, through oral and written analysis, to various short stories, poems, informational texts, and major works. This course will take an interdisciplinary approach considering texts within historical, social, cultural, and political contexts. In addition, students will produce will produce constructed responses as well as argumentative, informational/explanatory, and narrative essays.

Recommended: STAR G/E 8.0

3181 ENGLISH 10

1 Credit♦ Gr. 10

English 10 is a highly structured skills-based course in which students learn to implement effective strategies to build a foundation for reading and writing. Students read and respond, through oral and written analysis, to various short stories, poems, informational texts, and major works. This course will take an interdisciplinary approach considering texts within historical, social, cultural, and political contexts. Through scaffolding and direct instruction, students constructed responses as well as argumentative, informational/explanatory, and narrative essays.

3214 ENGLISH 11 HONORS

1 Credit♦ Gr. 11

English 11 Honors is a rigorous, skills-based course in which students learn to implement effective strategies to improve their reading and writing. Students will read and respond, through oral and written analysis, to various short stories, poems, informational texts, and major works. This course will take an interdisciplinary approach considering texts within historical, social, cultural, and political contexts. In addition, students will produce constructed responses as well as argumentative, informational/explanatory, and narrative essays. In this fast-paced course, students will be required to work independently and complete Honors extensions.

3393 ENGLISH 11 CP

1 Credit♦ Gr. 11

English 11 CP is a college-preparatory skills-based course in which students learn to implement effective strategies to develop their reading and writing. Students will read and respond, through oral and written analysis, to various short stories, poems, informational texts, and major works. This course will take an interdisciplinary approach considering texts within historical, social, cultural, and political contexts. In addition, students will produce will produce constructed responses as well as argumentative, informational/explanatory, and narrative essays.

3390 ENGLISH 11

1 Credit♦ Gr. 11

English 11 is a highly structured skills-based course in which students learn to implement effective strategies to build a foundation for reading and writing. Students read and respond, through oral and written analysis, to various short stories, poems, informational texts, and major works. This course will take an interdisciplinary approach considering texts within historical, social, cultural, and political contexts. Through scaffolding and direct instruction, students constructed responses as well as argumentative, informational/explanatory, and narrative essays.

3370 ENGLISH 12 HONORS

1 Credit♦ Gr. 12

English 12 Honors is a rigorous, skills-based course in which students learn to implement effective strategies to improve their reading and writing. Students will read and respond, through oral and written analysis, to various short stories, poems, informational texts, and major works. This course will take an interdisciplinary approach considering texts within historical, social, cultural, and political contexts. In addition, students will produce constructed responses as well as argumentative, informational/explanatory, and narrative essays. In this fast-paced course, students will be required to work independently and complete Honors extensions.

3364 ENGLISH 12 CP

1 Credit♦ Gr. 12

English 12 CP is a college-preparatory skills-based course in which students learn to implement effective strategies to develop their reading and writing. Students will read and respond, through oral and written analysis, to various short stories, poems, informational texts, and major works. This course will take an interdisciplinary approach considering texts within historical, social, cultural, and political contexts. In addition, students will produce will produce constructed responses as well as argumentative, informational/explanatory, and narrative essays.

3350 ENGLISH 12

1 Credit♦ Gr. 12

English 12 is a highly structured skills-based course in which students learn to implement effective strategies to build a foundation for reading and writing. Students read and respond, through oral and written analysis, to various short stories, poems, informational texts, and major works. This course will take an interdisciplinary approach considering texts within historical, social, cultural, and political contexts. Through scaffolding and direct instruction, students constructed responses as well as argumentative, informational/explanatory, and narrative essays.

3339 AP ENGLISH LANGUAGE AND COMPOSITION

*Advanced Placement

1 Credit♦ Gr. 11

In this Advanced Placement Course, students will study American and British Literature and the art of rhetoric. Students will be able to analyze writers' rhetorical and linguistic choices as well as apply different rhetorical and linguistic strategies to their own writing. Students will read from a variety of prominent English language autobiographers, diarists, political writers, biographers, historical writers, essayists, fiction writers and literary critics. The reading and writing workload is comparable to a college level introductory literature course. **Students are expected to take the AP English Language and Composition examination in the Spring. Students are responsible for the examination fee.**

3335 AP* ENGLISH LITERATURE AND COMPOSITION

*Advanced Placement

1 Credit♦ Gr. 12

AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone in their written analyses of literary works. In this rigorous and accelerated course, students will examine literary works of the most critically renowned writers from British, American and World literature. The reading and writing workload is comparable to a college level introductory literature course. Students are expected to take the AP English Literature and Composition examination in the Spring. **Students are responsible for the AP examination fee.**

3614 URI WRITING 104

.5 Credit♦ Gr. 12

This elective is available to seniors only. Offered in conjunction with URI's Early Enrollment Program, students can receive college credit for this class for approximately \$150. In addition, students are responsible for acquiring their own text. This rigorous college writing course is designed to help students improve their writing in several genres. Students will produce 5 major papers of at least 5 pages in length.

3500 FILM AS LITERATURE

.5 Credit♦ Gr. 9-12

This elective will expose students to a variety of films, to the process of filmmaking, to film vocabulary, and to the analysis of film as literature.

8100 MUSIC AS LITERATURE

.5 Credit♦ Gr. 9-12

In this elective course, students will use various approaches to analyzing literature (especially poetry) and apply these strategies while analyzing different genres of music ranging from opera and classical, to rap and hip-hop. Students will identify and analyze literary/poetic terms and devices in selected texts, as well as in a variety of music/lyrics. Students will eventually write their own poetry/lyrics.

3613 CREATIVE WRITING

.5 Credit♦ Gr. 9-12

In this elective course, students will write poetry and short fiction and then workshop each other's work. Students will discover how to choose and arrange words, images and figures of speech.

3612 SAT PREP: CRITICAL READING & WRITING

.5 Credit♦ Gr. 10-12

This elective semester course prepares students for the critical reading and writing sections of the SAT. In addition to offering helpful approaches to test taking, the course will expose students to practice questions and concepts regularly found on the SAT. There will also be a focus on the development of effective writing techniques through a study of the writing process and the skills necessary for producing purposeful, unified, and coherent short essays. With an emphasis on the Common Core Standards, students will practice persuasive writing. Additionally, they will study grammar, usage, and mechanics

3545 JOURNALISM

.5 Credit ♦ Gr. 9-12

This elective course is designed to introduce students to the fundamentals of journalism. Students will study models of good journalistic writing. Students will apply these techniques to their own writing. Students will study the history of journalism, conduct independent research and interviews, investigate student press laws, ethics and examine the skills need to write for a newspaper, magazine, feature writing, copy writing, as well as blog writing.

3030 READING CLINIC

1 Credit ♦ Gr. 9-12

This course is a comprehensive reading intervention program taught by a reading specialist to students most in need of intensive, explicit and specialized reading instruction. The goal of this course is to create readers who can independently respond to fiction and informational text. Students will be guided to improve vocabulary, word attack skills, reading comprehension, study and works skills, listening and fluency as well as other specific literacy skill. Homework is assigned frequently. Upon completion of diagnostic assessments, personalized reading plans are prepared by the reading specialist.

Recommended: (grades 9 & 10) - MID-YEAR STAR G/E 0-5.9

3040 LITERACY LAB

.5 Credit ♦ Gr. 10- 12

This class is offered to grade 10-12 students who can benefit from supplementary small group instruction and practice in literary skills that are necessary for success in content classrooms. Students will develop reading strategies, vocabulary skills and effective writing techniques for college and careers.

Recommended: (grade 9) - MID-YEAR STAR G/E 6.0-7.4

Recommended: (grade 10) - MID-YEAR STAR G/E 7.0-8.4

3060 INTRODUCTION TO COLLEGE LEVEL READING AND WRITING

.5 Credit ♦ Gr. 9

Students in this 9th grade college preparatory course will begin to develop and to hone the rigorous 9th and 10th grade Common Core Reading and Writing skills that are necessary for College and Career Readiness. Students will read high interest fiction and non-fiction, supplemented by related informational texts. Students will be required to demonstrate their understanding and analysis of these texts through a variety of writing formats. Students who are currently reading below grade level are required to take this course. Students who are reading at grade level are strongly encouraged to take this course.

Recommended: (grade 9) - MID-YEAR STAR G/E 7.5-8.4

Recommended: (grade 10) - MID-YEAR STAR G/E 8.5-9.4

FOREIGN LANGUAGES

Foreign Language Ext. 3210

Our foreign language program will enable students to:

- ♦ Communicate in languages other than English;
- ♦ Gain knowledge and understanding of other cultures;
- ♦ Connect with other disciplines and acquire information;
- ♦ Develop insight into the nature of language and culture; and
- ♦ Participate in multilingual communities at home and around the world.

LEVEL I

4152 FRENCH I

1 Credit ♦ Gr. 9-12

4271 ITALIAN I

1 Credit ♦ Gr. 9-12

4392 PORTUGUESE I

1 Credit ♦ Gr. 9-12

4512 SPANISH I

1 Credit ♦ Gr. 9-12

Students will begin to develop listening, speaking, reading and writing skills as they engage in dialogue, role-plays, situational interactive activities and a variety of reading and writing activities using controlled level one material. First year content includes personal descriptions, daily activities, time elements, weather, and clothing, and foods, physical and personal wellbeing. Learning activities in these content areas will foster students' ability to greet and respond,

introduce and respond to introductions, express likes and dislikes, and make requests. In addition to language skills, students will begin the study of history, geography, culture and art of the target country.

LEVEL II

4182 FRENCH II

1 Credit ♦ Gr. 10-12

4422 PORTUGUESE II

1 Credit ♦ Gr. 10-12

4542 SPANISH II

1 Credit ♦ Gr. 9-12

Prerequisite: Completion of Level I language course or teacher recommendation.

This is a comprehensive and challenging course for those students who have successfully completed a Level I foreign language course. It will be used as a culminating language experience or as a stepping-stone to more advanced studies. This course, like all others in this department, will reflect the National Standards for Foreign Language Learning. It will incorporate a deep expansion of vocabulary, grammar, discourse, and cultural knowledge. Students will acquire new knowledge of the language and also master that which they have already learned. Students will be expected to be daily prepared for a challenging course of study. In Level II, students will continue to develop their listening, speaking, reading and writing skills as they engage in activities that refine Level I learning outcomes. In addition to the activities cited in Level I, students will participate in various simulation models, student-to-student questioning, interviews, and guided comprehension, listening and writing activities. These activities are designed to improve fluency and control of vocabulary using Level II content. Class time will be devoted to a combination of discussion, language exercises, role-playing, and short presentations. Students will be evaluated based on their performance in class, oral presentations, short papers and other writing assignments, tests, quizzes, and exams. Reading selections designed to develop reading skills will be an important part of the course. Students will be expected to carefully prepare all material assigned for each class.

LEVEL III

4213 FRENCH III

1 Credit ♦ Gr. 11-12

4453 PORTUGUESE III

1 Credit ♦ Gr. 11-12

4573 SPANISH III

1 Credit ♦ Gr. 10-12

Prerequisite: Completion of Level II language course or teacher recommendation.

This is a comprehensive and challenging course for those students who have completed a Level II foreign language course. It will be used as a culminating language experience or as a stepping-stone to more advanced studies. This course, like all others in the department, will reflect the National Standards for Foreign Language Learning. It will incorporate a deeper expansion of vocabulary, grammar, discourse and cultural knowledge. Students will acquire new knowledge of the language and also master that which they have already learned. Students will be expected to be prepared daily for an intensive and challenging course of studies. In Level III, students will refine and expand listening, speaking, reading and writing skills as they engage in learning activities that include face-to-face conversations, dialogue, role plays, short discourse, and a variety of reading and writing activities using Level III content. These learning activities will foster a student's ability to perform the outcomes listed in Levels I and II with greater accuracy. In Level III, students will begin to obtain and provide specific information, along with identifying important ideas and details. In addition, students will be able to describe and compare, and express needs and emotions. Class time will be devoted to a combination of discussion, language exercises, role-playing, oral presentations, and student-centered learning. Students will be evaluated based on their performance in class, oral presentations, compositions, tests, quizzes and exams. Reading selections designed to strengthen reading skills and stimulate discussion are an integral part of the course. Students will be expected to carefully prepare all material assigned for each class.

LEVEL IV

4484 PORTUGUESE IV

1 Credit ♦ Gr. 12

Prerequisite: Completion of a Level III language course or teacher recommendation.

In level IV, students will expand upon their abilities to listen, speak, read and write in another language, at a college level and pace, as they engage in oral proficiency interviews, article summaries, class presentations, poems, short letters and role-playing communicative exercises. These activities are designed to improve fluency and control of vocabulary using Level IV content. Level IV content includes personal activities, travel, shopping, social issues, and topics culturally pertinent to the target language, e.g. history, art, current affairs, civilization and important cultural figures. These learning activities will foster a student's ability to perform the outcomes listed in Levels I, II, and III with greater accuracy. These outcomes will reflect the National Standards for Foreign Language Learning. In Level IV, students will give advice and directions, ask for clarification and clarify, describe and compare, and derive new information and knowledge from various sources. Class time will be devoted to a combination of discussion, language exercises, role-playing, and presentations. Students will be evaluated based on their performance in class, oral presentations, short

papers, written assignments, test, quizzes and exams. Reading selections designed to strengthen reading skills and stimulate discussion are an integral part of the course. Students will be expected to carefully prepare all material assigned for each class.

4660 AP* SPANISH LANGUAGE AND COMPOSITION

1 Credit♦ Gr. 12

***Advanced Placement**

The AP Spanish Language course will prepare students to demonstrate their level of Spanish proficiency across three communicative modes (Interpersonal [interactive communication], Interpretive [receptive communication], and Presentational [productive communication]), and the five goal areas outlined in the *Standards for Foreign Language Learning in the 21st Century*¹ (Communication, Cultures, Connections, Comparisons and Communities). **Students are expected to take the AP Spanish Language and Composition exam in the Spring. Students are responsible for the AP examination fee.**

06132 AP* FRENCH LANGUAGE AND COMPOSITION

***Advanced Placement**

1 Credit♦ Gr. 12

The AP French Language course will prepare students to demonstrate their level of French proficiency across three communicative modes (Interpersonal [interactive communication], Interpretive [receptive communication], and Presentational [productive communication]), and the five goal areas outlined in the *Standards for Foreign Language Learning in the 21st Century*¹ (Communication, Cultures, Connections, Comparisons and Communities). **Students are expected to take the AP French Language and Composition exam in the Spring. Students are responsible for the AP examination fee.**

06113 AP* SPANISH LITERATURE AND CULTURE

***Advanced Placement**

1 Credit♦ Gr. 12

The AP Spanish Literature and Culture uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, literary criticism). It is strongly recommended that students successfully complete at least three years of high school-level Spanish language study. While not a prerequisite, students may wish to complete the AP Spanish Language and Culture course before taking AP Spanish Literature and Culture, as the texts are presented in Spanish. In the case of native or heritage speakers, there may be a different course of study leading to this course.

SOCIAL STUDIES

Social Studies Ext. 3210

13244 US HISTORY I HONORS

1 Credit♦ Gr. 9

US History I Honors is a one-year course offered in grade 9. This course provides students with the opportunity to act as historians by investigating, analyzing and interpreting primary and secondary sources. In this fast-paced course, students will be required to work independently. Critical thinking standards emphasized in this course include, but are not limited to: reading and analyzing informational texts; identifying multiple perspectives; and, formulating reasoned arguments based on the critical examination of multiple perspectives. Students will begin their study of the history of the United States with a review of the pre-colonial period through the end of Reconstruction. The content includes, but is not limited to: the American Revolution, US Constitution, the War of 1812, the development of "Sectionalism," presidential administrations of the period, the westward expansion of the United States, the issue of slavery, the US Civil War, and Reconstruction.

13273 US HISTORY I CP

1 Credit♦ Gr. 9

US History I CP is a one-year course offered in grade 9. This course provides students with the opportunity to act as historians by investigating, analyzing and interpreting primary and secondary sources. Critical thinking standards emphasized in this course include, but are not limited to: reading and analyzing informational texts; identifying

multiple perspectives; and, formulating reasoned arguments based on the critical examination of multiple perspectives. Students will begin their study of the history of the United States with a review of the pre-colonial period through the end of Reconstruction. The content includes, but is not limited to: the American Revolution, US Constitution, the War of 1812, the development of “Sectionalism,” presidential administrations of the period, the westward expansion of the United States, the issue of slavery, the US Civil War, and Reconstruction.

13212 US HISTORY I

1 Credit ♦ Gr. 9

US History I is a one-year course offered in grade 9. This course provides students with the opportunity to act as historians by investigating, analyzing and interpreting primary and secondary sources. Critical thinking standards emphasized in this course include, but are not limited to: reading and analyzing informational texts; identifying multiple perspectives; and, formulating reasoned arguments based on the critical examination of multiple perspectives. Students will begin their study of the history of the United States with a review of the pre-colonial period through the end of Reconstruction. The content includes, but is not limited to: colonization, the American Revolution, US Constitution, the War of 1812, the development of “Sectionalism,” presidential administrations of the period, the westward expansion of the United States, the issue of slavery, the US Civil War, and Reconstruction. This course is more deliberately paced and emphasizes skill development.

13333 AP* US HISTORY II

***Advanced Placement**

1 Credit ♦ Gr. 10 (Class of 2019) ♦ Gr. 11 (Class of 2018)

Prerequisite: US History I. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

US History II APUSH is a year course offered to 10th graders (Class of 2019) and 11th graders (Class of 2018). US History II APUSH focuses on developing students’ abilities to think conceptually about U.S. history from approximately the Gilded Age to the present and apply historical thinking skills as they learn about the past. Seven themes of equal importance—identity; peopling; politics and power; work, exchange, and technology; America in the world; environment and geography; and ideas, beliefs, and culture—provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. **Students are expected to take the Advanced Placement Examination offered in the spring. Students are responsible for the AP examination fee.**

13254 US HISTORY II HONORS

1 Credit ♦ Gr. 10 (Class of 2019) ♦ Gr. 11 (Class of 2018)

Prerequisite: US History I

US History II Honors is a year course offered to 10th graders (Class of 2019) and 11th graders (Class of 2018). This course continues to provide the student with the opportunity to act as historians by investigating, analyzing and interpreting primary and secondary sources. In this fast-paced course, students will be required to work independently. Critical thinking standards emphasized in this course include, but are not limited to: reading and analyzing informational texts; identifying multiple perspectives; and, formulating reasoned arguments based on the critical examination of multiple perspectives. The course will start with the period of the Gilded Age and end with the “Clinton Era.” The content includes, but is not limited to: the Gilded Age, Progressivism, the “Great Depression,” World War I and II, the Cold War, the Korean Conflict, the Vietnam War, the Watergate Scandal, the Reagan era, War on Terror.

13254 US HISTORY II CP

1 Credit ♦ Gr. 10 (Class of 2019) ♦ Gr. 11 (Class of 2018)

Prerequisite: US History I

US History II CP is a year course offered to 10th graders (Class of 2019) and 11th graders (Class of 2018). This course continues to provide the student with the opportunity to act as historians by investigating, analyzing and interpreting primary and secondary sources. Critical thinking standards emphasized in this course include, but are not limited to: reading and analyzing informational texts; identifying multiple perspectives; and, formulating reasoned arguments based on the critical examination of multiple perspectives. The course will start with the period of the Gilded Age and end with the “Clinton Era.” The content includes, but is not limited to: the Gilded Age, Progressivism, the “Great Depression,” World War I and II, the Cold War, the Korean Conflict, the Vietnam War, the Watergate Scandal, the Reagan era, War on Terror.

13254 US HISTORY II

1 Credit ♦ Gr. 10 (Class of 2019) ♦ Gr. 11 (Class of 2018)

Prerequisite: US History I

US History II is a year course offered to 10th graders (Class of 2019) and 11th graders (Class of 2018). This course continues to provide the student with the opportunity to act as historians by investigating, analyzing and interpreting primary and secondary sources. Critical thinking standards emphasized in this course include, but are not limited to: reading and analyzing informational texts; identifying multiple perspectives; and, formulating reasoned arguments based on the critical examination of multiple perspectives. The course will start with the period of the Gilded Age and end with the "Clinton Era." The content includes, but is not limited to: the Gilded Age, Progressivism, the "Great Depression," World War I and II, the Cold War, the Korean Conflict, the Vietnam War, the Watergate Scandal, the Reagan era, War on Terror. This course is more deliberately paced and emphasizes skill development.

13063 WESTERN CIVILIZATION HONORS

1 Credit ♦ Gr. 11

Western Civilization Honors is a course offered to students in grade eleven (starting with the class of 2019) not taking European History AP. In this fast-paced course, students will be required to work independently. Students will study the political, economic, religious, social, intellectual, and artistic events in western society from the Middle Ages to the present day. This course is designed to provide the student with the opportunity to act as historians by investigating, analyzing and interpreting primary and secondary sources. Critical thinking standards emphasized in this course include, but are not limited to: reading and analyzing informational texts; identifying multiple perspectives; and, formulating reasoned arguments based on the critical examination of multiple perspectives. Students will be expected to perform to their potentials in accordance with state/national standards in Social Studies.

13092 WESTERN CIVILIZATION CP

1 Credit ♦ Gr. 11

Western Civilization CP is a course offered to students in grade eleven (starting with the class of 2019) not taking European History AP. Students will study the political, economic, religious, social, intellectual, and artistic events in western society from the Middle Ages to the present day. This course is designed to provide the student with the opportunity to act as historians by investigating, analyzing and interpreting primary and secondary sources. Critical thinking standards emphasized in this course include, but are not limited to: reading and analyzing informational texts; identifying multiple perspectives; and, formulating reasoned arguments based on the critical examination of multiple perspectives. Students will be expected to perform to their potentials in accordance with state/national standards in Social Studies.

13051 WESTERN CIVILIZATION

1 Credit ♦ Gr. 11

Western Civilization is a course offered to students in grade eleven (starting with the class of 2019) not taking European History AP. Students will study the political, economic, religious, social, intellectual, and artistic events in western society from the Middle Ages to the present day. This course is designed to provide the student with the opportunity to act as historians by investigating, analyzing and interpreting primary and secondary sources. Critical thinking standards emphasized in this course include, but are not limited to: reading and analyzing informational texts; identifying multiple perspectives; and, formulating reasoned arguments based on the critical examination of multiple perspectives. Students will be expected to perform to their potentials in accordance with state/national standards in Social Studies. This course is more deliberately paced and emphasizes skill development.

13393 SOCIOLOGY CP

.5 Credit ♦ Gr. 11-12

This is a semester course elective for students in grades 11 and 12. Sociology gives the student an overview of the study and methodology of sociology. The main objectives are: to build an awareness of culture and society, to learn how culture and society have changed over time, to describe how world cultures differ and to introduce students to the institutions and processes which socialize the individual.

13422 YOU AND THE LAW CP

.5 Credit ♦ Gr. 11-12

This is a semester course elective for students in grades 11 and 12. An informed citizenry is the hallmark of a democracy. In an increasingly legal and complex age (especially in a democratic republic), it is critical for all citizens to be well versed in our system of justice and the law. You and the Law is a course designed to provide a better understanding of America's system of law. Students will be introduced to various types of civil and criminal law. The necessity for civic responsibility within the legal system will be stressed and demonstrated. Participants in this course

will be afforded the opportunity to meet with and discuss issues with community members actively involved in various aspects of our legal system.

13402 PSYCHOLOGY CP

.5 Credit ♦ Gr. 11-12

This is a semester course offered as an elective to students in grades 11 and 12. Psychology will explore the social science that analyzes human behavior and mental processes. This course will focus on the various areas of human experience and the methods by which they have been studied by the major pioneers and current experts in the field. Specific topics that will be dealt with include the biological foundations of behavior, the learned foundations of human behavior, sensation and perception, the development of “the self,” and psychological problems and disorders.

04256 AP* PSYCHOLOGY

***Advanced Placement**

1 Credit ♦ Gr. 11-12

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas. The reading and writing is comparable to a college level psychology course. **Students are expected to take the Advanced Placement Examination offered in the spring. Students are responsible for the AP examination fee.**

13183 CONTEMPORARY ISSUES

.5 Credit ♦ Gr. 11-12

This semester course is offered as an elective to students in grades 11-12. Contemporary Issues is an in-depth study of the current events that are currently taking place throughout the world. This course continues to provide students with the opportunity to act as historians by investigating, analyzing and interpreting primary and secondary sources. Critical thinking standards emphasized in this course include, but are not limited to: reading and analyzing informational texts; identifying multiple perspectives; and, formulating reasoned arguments based on the critical examination of multiple perspectives. Students will learn to make informed judgments about international-, national-, and local-news topics. Students will be required to stay informed with current events through the reading of the *Providence Journal*, as well as other supplemental news sources.

13414 CLASSICAL HISTORY CP

.5 Credit ♦ Gr. 11-12

This semester course is an elective offered to students in grades 11 and 12. This course will cover the major events, personalities and achievements of the Classical Age of Ancient Greece and Ancient Rome. The goal of this course is to show how Ancient Greece, Ancient Rome, Judaism, and Christianity have influenced history, as well as the present age. This course will also touch upon the two major monotheistic religions of Judaism and Christianity.

13670 AP* EUROPEAN HISTORY

1 Credit ♦ Gr. 11-12

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. The reading and writing is comparable to a college level European History course. **Students are expected to take the AP European History exam in the Spring. Students are responsible for the AP examination fee.**

13680 AP* MACROECONOMICS

***Advanced Placement**

1 Credit ♦ Gr. 11-12

AP Macroeconomics is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level

determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. **Students are expected to take the Advanced Placement Examination offered in the Spring. Students are responsible for the AP examination fee.**

STEM DEPARTMENT
(Science/Tech Ed/Mathematics)

The mission of the STEM Department is to provide the best possible science, technology, engineering and mathematics education for all Mt. Hope students. STEM fields represent an integral component of our ever-changing society.

MATHEMATICS

Mathematics Ext. 3115

Four years of mathematics are required for graduation, a minimum of one course per year.

Students entering the ninth grade who may require additional support (based on a STAR designation of Intervention) in mathematics should enroll in Intensified Algebra. This course is a double period and is designed to address basic math skill development and Algebra 1. Students who successfully complete this course will be prepared to further their mathematics education on a college prep level.

Freshman taking Algebra I may choose to take both Algebra II and Geometry during their sophomore year. Doing so will make them eligible for Pre-Calculus during their junior year.

Typical Pathway for 9th Graders Beginning in Algebra 1

Grade	Course
9	Intensified Algebra 1 or Algebra 1
10	Geometry-Basic, College Prep. or Honors
11	Intermediate Algebra or Algebra 2
12	Finite Math, Pre-Calculus or Math Elective

Typical Pathway for 9th Graders Beginning in Geometry

Grade	Course
9	Geometry-CP or Honors
10	Algebra 2-CP or Honors
11	Finite Math, Pre-Calculus or Elective
12	Pre-Calculus, Calculus-Honors or AP, or Elective

7212 INTENSIFIED ALGEBRA 1

2 Credits♦ Gr. 9 (Algebra 1 credit/ 1 elective Math Credit)

This course is a double period and is designed to address basic math skill development and Algebra 1. Students who successfully complete this course will be prepared to continue their mathematics education on a college prep level. Topics covered in this class are; foundations of functions, linear functions, solving linear equations and inequalities, solving systems of linear equations, exponential and quadratic functions and methods for solving quadratic functions. **This course is recommended for students who earned a STAR Designation of Intervention or below; a C- or below in Pre-Algebra.**

7182 ALGEBRA 1 – CP

1 Credit♦ Gr. 9

In this course students will come to know how to use the language and tools of algebra in abstract and real world situations. Students will develop skills enabling them to examine patterns, work with variable expressions, perform operations on real numbers, use proportional reasoning, apply statistics and probability, solve and interpret linear equations and inequalities, analyze functions, determine absolute values, solve systems of linear equations and inequalities, use exponents, simplify and factor polynomials, explore quadratic and rational functions and work with radicals. Emphasis will be placed on real world applications. This course has traditionally been the first course in a college prep sequence. Students entering this course are expected to have a mastery of number facts enabling them to perform computations involving integers, fractions, decimals and percent. **This course is recommended for students**

who earned a STAR Designation of on Watch or higher; C or higher in Pre-Algebra; C- or lower in Algebra 1 (Grade 8).

7244 GEOMETRY - HONORS

1 Credit♦ Gr. 9 or 10

Prerequisite: Algebra 1

This honors course provides a rigorous approach to the study of two and three-dimensional figures. Students will employ inductive and deductive reasoning as they explore postulates and theorems and develop a vocabulary of terms from Euclidean Geometry. Logical thinking skills will be used to test conjectures, develop proofs and critique arguments. Students will investigate transformations, congruence and similarity, measurement, trig relationships, area and volume, and representations and visualizations involving two and three-dimensional objects. Students taking this course should be self-directed, responsible, interested in being challenged and willing to work to achieve superior results. **This course is recommended for students who earned a STAR Designation of Above Benchmark; B+ or higher in Algebra 1.**

7392 GEOMETRY - CP

1 Credit♦ Gr. 10

Prerequisite: Algebra 1

This course is designed to follow Algebra I (7182). It will focus on the study of two and three-dimensional figures. Students will use inductive and deductive reasoning as they explore postulates and theorems and develop a vocabulary of terms from Euclidean Geometry. They will develop logical thinking skills and write proofs. Students will investigate transformations, congruence and similarity, measurement, trig relationships, area and volume as well as representations and visualizations involving two and three-dimensional objects. **This course is recommend for students who earned a STAR Designation of At Benchmark; C or higher in Algebra 1.**

7331 BASIC GEOMETRY

1 Credit♦ Gr. 10

Prerequisite: Algebra 1

In this course students will explore two and three-dimensional figures. They will use inductive and deductive reasoning as they explore postulates and theorems and develop a vocabulary of terms from Euclidean Geometry. They will develop logical thinking skills and take an informal approach to writing proofs. Students will investigate perpendicularity, proportionality, rules for angle measures in triangles, transformations, congruence and similarity, measurement, trig relationships, area and volume, and representations and visualizations involving two and three-dimensional objects.

7200 INTERMEDIATE ALGEBRA

1 Credit♦ Gr. 11-12

Prerequisite: Algebra 1

This course is intended to serve as a bridge from Intensified Algebra to Algebra 2. It is for students who have successfully completed Algebra 1 or Intensified Algebra who intend to further their studies in mathematics on the secondary or post-secondary level. It will provide a review of topics from Algebra 1 and an introduction these topics from Algebra 2; operations with rational and irrational expressions, factoring, quadratic equations, graphing linear and quadratic equations, systems of linear and quadratic equations as well as properties of higher degree equations.

7304 ALGEBRA 2 - HONORS

1 Credit♦ Gr. 10- 11

Prerequisite: Algebra 1

This rigorous course is intended for highly capable math students. The structure and theory of mathematics will be emphasized. Topics from Algebra 1 will be reviewed and extended. Students will analyze data, use linear representation, solve systems of linear equations and inequalities and use matrices. They will factor polynomials, apply laws of exponents, describe and analyze relations and functions including quadratic, exponential, logarithmic, polynomial, rational and radical functions, and perform operations on complex numbers. They will explore the properties of conic sections, apply counting principles, use models involving probability and statistics, recognize and represent patterns and examine trig functions. Additional enrichment topics may also be introduced. Students taking this course should be self-directed, responsible, interested in being challenged and willing to work to achieve superior results. Graphing calculators are required.

7273 ALGEBRA 2 - CP

1 Credit♦ Gr. 10 - 11

Prerequisite: Algebra 1

This course is designed to follow Geometry (7392). Topics from Algebra 1 will be reviewed and extended. Students will analyze data, use linear representation, solve systems of linear equations and inequalities and use matrices. They will factor polynomials, apply laws of exponents, describe and analyze relations and functions including quadratic, exponential, logarithmic, polynomial, rational and radical functions, and perform operations on complex numbers. They will explore the properties of conic sections, apply counting principles, use models involving probability and statistics, recognize and represent patterns and examine trig functions.

7432 SAT PREP: MATHEMATICS

.5 Credit♦ Gr. 11-12

Students in this elective course will review arithmetic, algebra, geometry, statistics and probability, problem solving and other mathematics offered on the secondary level. They will work on activities in analytical thinking, use SAT practice activities work on time management SAT scoring procedure, calculator usage and apply skills previously learned.

7443 STATISTICS AND PROBABILITY CP

1 Credit♦ Gr. 11-12

This course will provide students the opportunity to take a year of application oriented statistics. Students will collect and analyze data and write reports, create scatter plots/correlations and work with standard deviation. This course will stress career applications. Topics will include the study of likely events and the analysis, interpretation, and presentation of quantitative data. Students will work with basic probability and statistics, odds and probability, probability trees, frequency tables, as well as measures of central tendency and measuring the spread of data.

7453 FINITE MATH CP

1 Credit♦ Gr. 11-12

Finite mathematics is a branch of mathematics that blends concepts from number theory, algebra and geometry in the study of logic, permutations, combinations, probability, statistics, business applications, matrix theory and networks. Students in this course will use mathematical reasoning to examine these topics and solve related problems.

7364 PRE-CALCULUS-HONORS

1 Credit♦ Gr. 11-12

Prerequisite: Algebra 2

This course is intended for capable math students who are planning future work in math and/or science. Students taking this course must be extremely proficient in the areas of algebra and geometry. They will explore topics from advanced algebra and will analyze exponential, logarithmic and trigonometric functions. Pre-calculus concepts such as; complex numbers, trigonometric identities and equations, solving right and oblique triangles, conic sections, sequences and series, and limits and continuity. Students taking this course should be self-directed, responsible, interested in being challenged and willing to work to achieve superior results. Graphing calculators are required.

7424 CALCULUS-HONORS

1 Credit♦ Gr. 12

Prerequisite: PreCalculus

This course is recommended for students who plan a career involving math, science or a related field. Students will examine the topics included in the first semester of college calculus: the study of functions, graphs, limits, derivatives and integrals. Graphing calculators are required. *(Passing with a 70 will earn college transfer credit at Rhode Island College through the Early Enrollment Program [EEP])*

7450 AP* CALCULUS AB

1 Credit♦ Gr. 12

Prerequisite: PreCalculus

Calculus AB is primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The courses emphasize a multi-representational approach to calculus, with concepts, results and problems being expressed graphically, numerically, analytically and verbally. The connections among these representations also are important. Broad concepts and widely applicable methods are emphasized. **Students are expected to take the AP Calculus AB exam in the Spring. Students are responsible for the AP examination fee.**

022203 AP© STATISTICS

1 Credit♦ Gr. 11- 12

Prerequisite: Algebra 2 Honors

The course teaches students the major concepts and tools for collecting, analyzing and drawing conclusions from data. The four major themes are exploring data, describing patterns and departures from patterns, exploring random phenomena using probability and simulation, statistical inference as well as estimating population parameters and testing hypotheses. **Students are expected to take the AP Statistics examination in the Spring. Students are responsible for the AP examination fee.**

7260 COMPUTER PROGRAMMING CP

1 Credit♦ Gr. 11-12

Prerequisite: Algebra I

This course is intended for students interested in designing and writing programming solutions to problems from a variety of application areas. It is a course for students who plan to go on to college and /or technical school. The emphasis will be on problem solving through programming methodology, algorithms and data structures. Topics including an introduction to computers, computer programming and standard computer logic will be explored through the Visual Basic and Python programming languages, and others as technology continues to evolve. It is recommended for students with no prior programming experience as well as “techno geeks” who are already computer savvy.

7021 MATHEMATICS LAB (Semester 1)

.5 Credit♦ Gr. 10-12

This blended learning course provides students with the opportunity to develop, refine and strengthen their skills. The major concepts will include Algebra, Functions, Modeling, Geometry and Statistics and Probability.

7460 MATHEMATICAL SYSTEMS

1 Credit♦ Gr. 12

Prerequisite: Algebra 1 or Intensified Algebra

This course will focus on the Rhode Island High School Math 9-10 Grade Span Expectations. Students enrolled in this course will be afforded opportunities to demonstrate proficiency in the related PBGRs. It is recommended for seniors who have not completed Algebra 2 and do not plan future work in math or science. Students in this course will; reinforce general math skills, review algebra topics, work on practical applications of mathematics, explore Geometry and measurement, basic statistics, simple equations and formulas. The course will also include extensive work on data, statistics and probability.

SCIENCE

Science Ext. 3437

Three years of science courses are required for graduation. The sequence of courses will provide students with the content knowledge and skills necessary to be successful on the NECAP Science assessment taken in the 4th quarter of 11th grade. The sequence also allows students to maximize the number of electives and AP sciences courses, if they choose to do so.

Grade	Course	Elective	AP Course
9	Physical, Earth and Space Science-CP or Honors		
10	Chemistry—CP or Honors	Biotechnology 1-	
11	Biology—CP or Honors	Biotechnology 1 or 2 Biomedical Science— Honors Environmental Science-CP Marine Science-CP	AP Chemistry AP Physics
12	Physics—CP or Honors	Biotechnology,1,2,3 Biomedical Science-Honors Environmental Science—CP Marine Science—CP	AP Chemistry AP Physics AP Biology

03201C INTEGRATED PHYSICAL, EARTH AND SPACE SCIENCE CP

1 Credit♦ Gr. 9

Students in this course will study physical, earth and space science. Students will be introduced to units of study that include the following: force and motion, interactions of the properties of matter, the Earth and Solar System, conservation of energy, electricity and magnetism. Students will apply algebra to the Physical, Earth and Space Sciences. Students will learn through a lab oriented, hands-on inquiry based approach. Students who elect the college preparatory option will design experiments, gather data and write lab reports

03201H INTEGRATED PHYSICAL, EARTH AND SPACE SCIENCE - HONORS

1 Credit♦ Gr. 9

Students in this course will study physical, earth and space science. Students will be introduced to units of study that include the following: force and motion, interactions of the properties of matter, the Earth and Solar System, conservation of energy, electricity and magnetism. . Students will apply algebra to the Physical, Earth and Space Sciences. Students will learn through a lab oriented, hands-on inquiry based approach. In addition to designing experiments, gathering data and writing lab reports, students who elect the Honors Option will design, implement and present an in depth scientific controlled experiment. Student must defend and present their experiment at the Mt. Hope Science Fair. The course will further focus on the extensions to NGSS.

12334 CHEMISTRY- HONORS

1 Credit♦ Gr. 10

This is an intensive college preparatory lab science course. Students will learn about physical science concepts in conjunction with a variety of scientific processes including connections and applications, scientific tools and technologies, and communication and investigation. Students will study atomic structure, chemical reactions, chemical bonding, measurements of matter, the mole concept, chemical kinetics and equilibrium in greater depth through experimentation, computation and discussion of principles and theories. This course satisfies a lab course requirement for college. This course challenges students by integrating their prior successful mathematical experiences with new chemistry concepts. Students will research and present at least one in depth-scientific investigation. Students will further develop problem solving and writing skills through experimentation and chemical computations. Students should anticipate nightly homework assignments and out of class project work. Students will solve mathematical problems related to chemistry concepts. Students will further develop writing skills related to problem solving challenges. Students will present and defend their in depth-scientific research.

12333 CHEMISTRY- CP

1 Credit♦ Gr. 10

Students will learn about physical science concepts in conjunction with a variety of scientific processes including connections and applications, scientific tools and technologies, and communication and investigation. Students will study atomic structure, chemical reactions, chemical bonding, measurements of matter, the mole concept, chemical kinetics and equilibrium utilizing laboratory techniques and equipment. This course satisfies a lab science requirement for college. Students will be expected to conduct laboratory investigations, make calculations and graph results. Students will further develop problem solving skills through chemical computations. Students will develop laboratory skills. Students will be expected to do practice problems for homework. Students will produce laboratory reports related to in class investigations. Students will solve mathematical problems related to chemistry concepts. Students will further develop writing skills related to their problem solving challenges. Students will write and reflect on chemistry learned in class and current event connections.

12332 CONCEPTUAL CHEMISTRY

1 Credit♦ Gr. 10

This laboratory based chemistry courses teaches students the fundamental topics of chemistry such as atomic structure, chemical bonding and chemical reactions. The focus of this course is the practical application of chemistry through concepts, not through mathematical application. Students will be expected to conduct laboratory investigations, produce laboratory reports, write and reflect on chemistry learned in class and current event connections. This course is aligned to Next Generation Science Standards and is designed to provide students with knowledge and skills necessary for proficiency on state assessments.

12162 BIOLOGY - HONORS

1 Credit♦ Gr. 11

In this intensive course students will learn about life science concepts in conjunction with a variety of scientific processes including connections and applications, scientific tools and technologies, and communication and investigation. Students will study biochemistry, cellular biology, genetics, evolution, ecology and some human physiology with a focus on disease and health. This course satisfies a lab science requirement for college. Students will utilize scientific tools and technologies such as microscopes, computer programs, online resources and laboratory equipment. Students will work in cooperative groups and perform laboratory investigations. Students will develop problem solving skills. Students will research and write on current topics in biology. Students must design, implement and present an in depth scientific controlled experiment. Students must present and defend their scientific investigation and are required to participate in the school science fair. **Students will be required to complete a summer assignment posted on the web site in June to prepare them for choosing a topic for the science fair.**

12132 BIOLOGY - CP

1 Credit♦ Gr. 11

Students will learn about life science concepts in conjunction with a variety of scientific processes including connections and applications, scientific tools and technologies, and communication and investigation. Biochemistry is introduced to serve as a basis for understanding life processes both within the cell and in the multi-cellular organism. Students will explore levels of organization, photosynthesis, cellular respiration, cellular transport, heredity, matter and energy in living organisms, interdependence of organisms, ecological studies and evolution. The human body will be studied with focus on disease and health. This course satisfies a lab science requirement for college. Students will develop organizational and thinking strategies as they learn concepts and practice science process skills. Students will utilize scientific tools and technologies such as microscopes, computer programs, online resources and laboratory equipment. Students will develop problem solving skills. Students will research and write on current topics in biology. Students will design, implement and present a controlled experiment. Students will work in cooperative groups and perform laboratory investigations.

12160 BIOTECHNOLOGY 1

1 Credit♦ Gr. 10

Students will learn about life science concepts in conjunction with a variety of scientific processes including connections and applications, scientific tools and technologies, and communication and investigation. Using the theme "What is Life? How Does Life Work?" students will investigate life through the lens of how biology is used to improve our lives. Students will study biology through molecular, cellular, ecological, genetic and evolutionary science. This course will be part of a 3 year vocational biotechnology science academy. Students are required to take this course before entering year 2 or 3 of the program. Students will be trained in biotechnology laboratory skills that will immerse them in hands on experiences which will improve their motivation toward academic success and gear them toward a career in this field. This course satisfies a lab science requirement for college. Students will develop

biotechnology laboratory techniques such as DNA sequencing, fingerprinting, protein analysis, microscopy and cellular techniques. Problem solving, mathematical computations, procedural, informational and reflective writing will be the vehicles used to assess student understanding. Students will develop study, organizational and thinking strategies as they learn concepts and practice science process skills. Students will utilize scientific tools and technologies such as microscopes, computer programs, online resources and laboratory equipment. Students will research and write on current topics in biotechnology. Students will design, implement and present a controlled experiment. Students will work in cooperative groups and perform laboratory investigations.

12260 BIOTECHNOLOGY 2

1 Credit ♦ Gr. 11

In the first half of the year, students will study Agricultural Biotechnology. The focus will be on the importance of plants such as plant tissue cultures, cloning, microbial impact and gene transfer. Aseptic techniques and laboratory protocol are continually reinforced. Feeding the growing world population will be an on-going theme. In the second half of the year, students will study Forensic Investigations using DNA sampling techniques, forensic DNA fingerprints, protein technology, chemical analysis, or other technologies. Case studies will be carried out using a hands-on problem-based approach to learning. Throughout the year problem solving, communicating in written and oral form and informational, procedural and report writing will be reinforced and continually used to assess. New advances in biotechnology will be focused on throughout the year.

12262 BIOTECHNOLOGY 3

1 Credit ♦ Gr. 11-12

In the first half of the year, students will study Bio manufacturing and its importance in human society and the techniques used to improve human health. Students will create recombinant DNA strands and introduce them to bacteria to create genetically modified organisms. Students will have the opportunity to work with a bioreactor to synthesize biotech components. Aseptic techniques and laboratory protocol are continually reinforced. In the second half of the year, students will study Marine Biotechnology. The interaction between cyanobacteria and marine viruses will be used as a model for drug/vaccine creation and reinforce lab techniques such as: DNA sampling techniques, DNA fingerprinting, protein technology, chemical analysis, and other technologies. Throughout the year problem solving, communicating in written and oral form and informational, procedural, and report writing will be reinforced. This course will stress the diverse opportunities for employment available in biotechnology. Students in Biotechnology II must complete an individual science fair project.

12200 ENVIRONMENTAL SCIENCE

1 Credit ♦ Gr. 11-12

Students will study the relationship between living organisms and the terrestrial environment. Topics include biogeochemical cycles, ecosystems, diversity of life, conservation of wildlife, human populations and benefit/risk analysis concerning human impact on living and nonliving systems. Students will study the atmosphere, oceans, fresh water resources, topography of the earth's surface and current events related to the health of our planet. Pollution, global warming, renewable and nonrenewable resources and available energy sources are some of the topics that students will research to gain a better understanding of their relationship with plant Earth. This course is designed to be project/activity based and will require students to participate in research, discovery and presentation of findings. A field study will be done in the Bristol/Warren area. Students should be prepared to work outdoors. Students will participate in class work, projects, activities, field experience and experimentation which will give students greater opportunity for hands-on learning. Students will use a problem based learning approach to ecological current issues. Students cooperatively grouped will conduct investigations online and in the classroom. Students will write on current events related to concepts.

12394 PHYSICS - HONORS

1 Credit ♦ Gr. 11

This intensive honors science course is recommended for students pursuing a field in engineering or other sciences. Students will be guided toward a better understanding of the physical world and some of the basic laws of the universe. Topics include motion (Linear and two-dimensional), Newton's Laws, momentum, energy, waves, heat and sound. Since mathematics is the language by which these principles are studied, the student with a good background in mathematics would be at an advantage. Most concepts, however, can be understood with a mastery of Algebra II. This course satisfies a lab science requirement for college. Students will further develop laboratory skills and conduct investigations with mathematical reasoning and problem solving skills. Students will complete a physics related research project. Students should also anticipate nightly homework assignments to practice physics computations. Students will produce laboratory write-ups and solve problems related to concepts. Students will write on topics related to physics concepts **Students must have passed Algebra 2 in order to be enrolled in this course.**

12393 PHYSICS CP

1 Credit♦ Gr. 11-12

Students in this college preparatory course will learn about physical science concepts including motion and forces, interactions of energy and matter, sound and heat. Learning will take place in conjunction with a variety of scientific processes including connections and applications, scientific thinking, tools and technologies, communication and investigation. This course satisfies a lab science requirement for college. Students will further develop laboratory skills and conduct investigations with mathematical reasoning and problem solving skills. Students should anticipate nightly homework assignments to practice physics computations. Students will produce laboratory write-ups and solve problems related to concepts. Students must be enrolled concurrently in Algebra 2 while taking this course.

12264 MARINE SCIENCE CP

1 Credit♦ Gr. 12

This course will provide students with an understanding of marine organisms and the marine environment especially those that inhabit our most valuable resource, Narragansett Bay. Topics studied include plant and animal life in the sea, topography of Narragansett Bay, mineral and food resources, marine pollution, ecological relationships, evolutionary relationships, human activity that utilizes resources and human activity that harms resources. This course is project and research based and requires active and independent learning. Students should anticipate nightly homework assignments. Trips to Narragansett Bay will enhance classroom learning. Students will be expected to monitor and maintain classroom tanks for investigative research. Students are required to research, design and conduct at least one independent scientific investigation. Students will read and write on current event topics related to the marine environment. Students will defend their research findings orally and participate at the school science fair. Students will create a detailed portfolio of marine organisms native to New England. Students will integrate biology, chemistry, physical science and earth science concepts to understand the marine environment.

12555 BIOMEDICAL SCIENCE - HONORS

1 Credit♦ Gr. 11-12

This intensive course is equally divided studying microbiology, human anatomy and physiology. The course is designed for students interested in a career in health or medical related fields. Students will study microbes, related diseases, pathology, parasitology and techniques used to culture, identify and study some microbes in a laboratory setting. Students will also study anatomy, physiology and the biochemical reactions of the human body with a focus on health and disease. Students are required to conduct a comprehensive on-going feline (cat) dissection to study organ systems. Students will problem solve using unknowns in microbiology in which they must identify organisms through biochemical testing. Students will be responsible for independent work on projects outside of class. Students must research, design, and conduct an individual research project or participate in a career job-shadowing program. All students will present their findings in an oral presentation. Students who perform a research project must also participate in the school science fair.

12570 AP* BIOLOGY

***Advanced Placement**

1 Credit♦ Gr. 11-12

The AP Biology course is designed to be taken by students after the successful completion of a first course in high school biology and one in high school chemistry. AP Biology aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. This course will require summer reading with assignments. Students are required to pick up materials before the summer break. Students will complete laboratory investigations on-line and in the laboratory setting. Students will complete an in-depth, inquiry based scientific investigation. Students will research and effectively write on topics of study. Students should expect a college workload with reading assignments over several vacation periods. **Students are expected to take the AP Biology exam in the Spring. Students are responsible for the AP examination fee.**

12365 AP* CHEMISTRY

***Advanced Placement**

1 Credit♦ Gr. 11-12

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students will attain a depth of understanding of the fundamentals and a reasonable competence in dealing with chemical problems. Students will develop their abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. This course will require summer reading with assignments. **Students are required to pick up summer reading materials and work assignments before the summer break.** Students will be required to complete an independent research and scientific investigation project. Students should expect a college workload with assignments over several vacation periods. Students will conduct laboratory experiments stressing

analysis of data. Students will produce a portfolio of learning the second half of the year. The portfolio will showcase their implementation of chemistry concepts and be presented to their peers. **Students are expected to take the AP Chemistry exam in the Spring. Students are responsible for the AP examination fee.**

03207 AP* ENVIRONMENTAL SCIENCE

***Advanced Placement**

1 Credit♦ Gr. 12

The AP Environmental Science course is designed to be taken after successful completion of a first course in high school biology and chemistry. This course will require summer reading and assignments to be picked up before summer break. AP Environmental Science is designed to include a strong laboratory and field investigation component. These field experiences will provide students with opportunities to test concepts learned in the classroom, as well as, making connections to the real world. Examples of fieldwork might include; analyzing water samples, long-term studies of a local system or environmental problem, pollution, or global warming. Topics studied will include Earth Systems, the Living World, Population Biology, Land and Water Use, Energy Flow, and Biogeochemical Cycles as they relate to Natural Resources. **Students are expected to take the AP exam offered in the Spring. Students are responsible for the AP examination fee.**

12465 AP* PHYSICS B

***Advanced Placement**

1 Credit♦ Gr. 12

Students are expected to take the Advanced Placement Examination offered in the Spring and are responsible for payment of all applicable fees.

The Physics B course includes topics in both classical and modern physics. Knowledge of algebra and basic trigonometry is required for the course; the basic ideas of calculus may be introduced in connection with physical concepts, such as acceleration and work. Understanding of the basic principles involved and the ability to apply these principles in the solution of problems are major goals of the course. Physics B will provide instruction in each of the following five content areas: Newtonian mechanics, fluid mechanics and thermal physics, electricity and magnetism, waves and optics, and atomic and nuclear physics. The Physics B course will also include a hands-on laboratory component comparable to introductory college-level physics laboratories, with a minimum of 12 student-conducted laboratory investigations representing a variety of topics covered in the course. Each student should complete a lab notebook or portfolio of lab reports. This course will satisfy the fourth-year math requirement. **Students are required to pick up summer reading and work assignments materials before the summer break. Students are expected to take the AP Physics B exam in the Spring. Students are responsible for the AP examination fee.**

TECHNOLOGY/ENGINEERING EDUCATION

The Tech/Ed department offers courses designed for all students. Students are encouraged to follow a career path of study in the program which best serves their interests and provides a foundation for future goals. Students can plan a specific career pathway by discussing their needs with the department chair, so that proper preparation and skill building can be planned for a four-year schedule. Students who choose a pathway in the Technology/Engineering Education Program will have the capability to continue toward school-to-career experiences, apprenticeships, trade schools, technical schools, and four-year Colleges and Universities.

14021 INTRODUCTION TO MANUFACTURING CAREERS

1 Credit♦ Gr. 9-12

This course is designed for students interested in the areas of construction based technologies/careers. Students will start by using the Design Process and C.A.D. to model and create projects in the areas of woodworking, electricity/electronic technology and robotics. Students will work in various lab settings, starting with learning and applying C.A.D. to produce objects safely using hand and power tools. Students must complete Introduction to Manufacturing in order to continue towards classes including: Wood and Manufacturing, Advanced Wood and Manufacturing, Construction Technologies, and Residential Wiring.

14250 DRAFTING TECHNOLOGY

1 Credit♦ Gr. 10-12

This is a basic course in engineering, mechanical, and architectural drafting techniques. Students will be instructed in the proper use of drafting equipment while developing simple single view, multi-view and isometric (pictorial) drawings. CAD technology will be introduced through the use of AutoCAD® and Pro-Engineer® will be used to introduce 3D modeling. Students will use the engineering design process to develop plans and create prototypes.

14362 ADVANCED DRAFTING TECHNOLOGY

1 Credit♦ Gr. 11-12

Prerequisite: Successful completion of Drafting Technology or department chair approval.

Students will build on skills acquired in Drafting Technology to design and develop projects in the areas of engineering and architecture. Advanced techniques in AutoCAD® and Solid Works® will be explored. Independent and team projects will be assigned which will emphasize the engineering design process. Prototypes and models will be created.

14363 ADVANCED ENGINEERING DESIGN

1 Credit♦ Gr. 11-12

Prerequisite: Successful completion of Advanced Drafting Technology or department chair approval.

Students will build upon skills acquired in Drafting Technology to design and develop projects in the areas of engineering and architecture. Advanced techniques in orthographic and 3D design using SolidWorks® will be explored and utilized. Independent and team projects will be assigned in which students employ engineering design process. *Pending approval from Rhode Island College, students may elect to take this course as an EEP course. Only a final average of B- or better will earn students credit through Rhode Island College (EEP Program).*

14062 RESIDENTIAL WIRING

1 Credit♦ Gr. 10-12

This course is designed around wiring an actual home. In this course, students become acquainted with basic electrical theory by creating wiring circuits through the summarization and construction of wiring schematics. Students are exposed to the standards governed by the National Electrical Code, as well as residential wiring techniques and procedures. Trouble-shooting techniques are also examined, helping to prepare the students for most things encountered as they would begin an apprentice in the field. Student's will first design the electrical circuits in the classroom, and if chosen by the teacher and department.

14065 ADVANCED RESIDENTIAL WIRING

1 Credit♦ Gr. 11-12

Prerequisite: Successful completion of Residential Wiring or department chair approval.

This course is a continuation of Residential Wiring. In this course, students become acquainted with all aspects of home wiring circuits through their own summarization and construction of wiring schematics. Students of this class are put on the job as foreman and are to oversee a group of Residential Wiring I students, while working with them. The students are responsible for making sure the proper techniques and procedures are being followed according to the National Electrical Code, in order to wire the homebuilding site. Trouble-shooting techniques are reviewed in depth, and students are expected to work with the teacher to resolve problems.

14143 ROBOTICS TECHNOLOGY

1 Credit♦ Gr. 9-12

This course is designed for students who have an interest in discovery of robotic systems. This course is developed around skill building procedures and techniques in order to develop basic troubleshooting and designing of control systems in order to create working robotic assemblies. Students will experience basic computer programming skills, as well as different input/output systems of a computer as they pertain to basic robotic projects. Students will be expected to participate in one of several robotics competitions throughout the year.

14094 ROBOTICS ENGINEERING

1 Credit♦ Gr. 10-12

Prerequisite: Successful completion of Robotics Technology or department chair approval.

This course is a continuation of Robotics Technology. Students will work with all aspects of robot design, fabrication, and programming techniques in order to prepare for various robotics competitions. Students will oversee competition planning including fundraising, networking and coordination of events. Students will use advanced sensory devices and programming procedures in designing projects. Students will be expected to participate in one of several robotics competitions throughout the year and will be required to attend various afterschool sessions. For teams who advance to the Robotics World Championship, decisions regarding student participation will be at the instructor's discretion.

14482 WOOD & FURNITURE MANUFACTURING

1 Credit♦ Gr. 10-12

Prerequisite: Successful completion of Introduction to Manufacturing Careers or department chair approval.

Students receive instruction on how to safely use power equipment, design and construct wooden products. Students are guided through a series of activities with an emphasis on the use of design, research and processing techniques

along with an introduction to mass production. The students will produce several projects using the machines and equipment in the shop.

14523 ADVANCED WOOD & FURNITURE MANUFACTURING

1 Credit ♦ Gr. 11-12

Prerequisite: Successful completion of Wood & Furniture Manufacturing or department chair approval.

This year long course is devoted to cabinet and furniture construction. Emphasis is placed on design, while preparing for more elaborate furniture through student made jigs and fixtures. Special applications used on shop machines incorporate detailed construction techniques used to achieve individual custom work, as well as continuing manufacturing principles. The students will produce several projects using the machines and equipment in the shop.

14553 CONSTRUCTION TECHNOLOGY

1 Credit ♦Gr. 11-12

Prerequisite: Successful completion of Wood & Furniture Manufacturing or department chair approval.

This course introduces students to the world of residential, commercial and industrial construction. Students receive theory and practical instruction as they work in group activities to accomplish assigned tasks. Practical experiences are provided through the construction of full sized garden sheds and modules.

14060 MARINE TRADES I

1 Credit ♦Gr. 10-12

Prerequisite: Introduction to Manufacturing Careers or Young Mariners @ KMS

The program is designed to explore career opportunities in the marine trades. Basic boatbuilding and repair techniques will be introduced through project boats and visits to local businesses and schools. Students will cover shop safety, tool usage, boat fabrication processes (wood and fiber), and marine power and electrical systems. On-site visits to local boat yards and marinas will allow students a first-hand experience to explore career possibilities. Job requirements and post-secondary opportunities also will be discussed.

STEM ENDORSEMENT

In order to further the mission of providing students with the best possible science, technology, engineering and mathematics education, the STEM department will offer a STEM ENDORSEMENT. In order to earn a STEM endorsement, a student must meet all of the Mt. Hope graduation requirements and the following specific STEM endorsement courses:

Required Core Courses

4 years of Mathematics

4 years of Science

3 years of Industrial Technology

4 Required Extended Learning Opportunities, including but not limited to:

Save Bristol Harbor

Science Olympiad

Robotics Team

Science Fair

Math Team

Save the Bay

Other opportunity approved by STEM Department

Chair

3 Required Electives from the following courses:

AP Biology

AP Chemistry

AP Physics

AP Environmental Science

Introduction to College Engineering

AP Statistics

AP Calculus

Computer Aided Design

BioMed

Marine Biology

Technical Drawing

Bio Tech

Other Course approved by STEM Department Chair

14999 INTRODUCTION TO ENGINEERING DESIGN

1 Credit ♦ Gr. 9-10

This course is the first course in a sequence of Engineering Courses based on the Project Lead The Way nationally recognized curriculum. Students dig deep into the engineering design process, applying math, science, and engineering

standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

13999 COMPUTER INTEGRATED MANUFACTURING (CIM)

1 credit♦Gr. 11-12

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. This course illuminates the opportunities related to understanding manufacturing. At the same time, it teaches students about manufacturing processes, product design, robotics, and automation. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge System.

12999 STEM JUNIOR/SENIOR PROJECT

1 credit♦Gr. 11-12

The STEM Junior/ Senior project class is designed to give students interested in pursuing an independent research project in a Science, Technology, Engineering or Mathematics related field. The course will incorporate the fundamental tenets of the engineering and design process: define the problem, do background research, specify requirements, brainstorm solutions, choose the best solution, complete development work, build a model or prototype, test and redesign.

Students will learn how to write for a variety of purposes: research, project proposals, abstracts, reports. Students will also learn to listen and speak for a variety of purposes and audiences: interviews and panel presentations.

PHYSICAL EDUCATION & HEALTH

Physical Education & Health Department

Ext. 3156

The mission of the Physical Education and Health Department is to develop all students to be physically educated learners and healthy, responsible, productive citizens by engaging students in a fitness-focused, comprehensive curriculum.

The Physical Education curriculum is aligned with National Association of Sports and Physical Education standards and Mt. Hope's School-Wide Expectations. The curriculum encourages and challenges students to participate in regular physical activity, achieve and maintain a health-enhancing level of fitness, and exhibit responsible personal and social behavior.

The Health curriculum is aligned with Rhode Island Health Education standards and Mt. Hope's School-Wide Expectations. The curriculum engages students in activities and learning experiences aimed at developing higher-order thinking, problem-solving, and communication skills. Ultimately, students will learn how to access and use health information and resources to live a healthy life.

In all health courses, students will have the opportunity to demonstrate proficiency through a variety of performance tasks aimed at developing higher-order thinking and practical application of knowledge and skills learned. Student performance tasks will be assessed using teacher generated, content specific rubrics and the school-wide rubrics for problem-solving, reading, writing, listening, and speaking.

Reflecting the importance of regular physical education and comprehensive health education in our students' total educational experience, students must successfully complete four (4) years of physical education and health to graduate from Mt. Hope High School.

5011 HEALTH 9

2 Credits♦ Gr. 9

Students in Health 9 classes will focus on the areas of mental and social health. Students will investigate topics such as self-esteem, decision making, and substance abuse through the Project TND Toward No Drug Abuse curriculum. Students will learn techniques and skills to improve self-esteem, the steps of effective decision-making, strategies for dealing with bullying, how to develop support systems and access available mental health resources, and study the notions of tolerance and acceptance.

5021 HEALTH 10

.2 Credit♦ Gr. 10

Students in Health 10 classes will study the subjects of wellness, mental health, and substance abuse. Students will investigate related topics, including the benefits of leading a physically active lifestyle, family health history, mental health issues, and current trends in substance abuse. Students will identify and discuss the variety of factors contributing to major health issues in the United States, including trends in obesity, heart disease, anxiety, depression and suicide. Additionally, students will examine the growing problem of misuse/abuse of prescription drugs

5031 HEALTH 11

.2 Credit♦ Gr. 11

Students in Health 11 classes will explore the themes of relationships and personal health. Students will investigate topics such as effective communication, dating, abstinence, contraception and pregnancy, abusive relationships, sexual harassment, sexually transmitted diseases, and how to access health products and services.

Students will be able to demonstrate effective communication skills, identify the signs of an abusive relationship and how to get help, discuss the physical and emotional benefits of abstinence, explain the options, advantages, and disadvantages of various methods of contraception, identify the signs and symptoms of sexually transmitted diseases, discuss reproductive health, and identify community health resources available for reproductive health products, services, and treatment.

5041 HEALTH 12

.2 Credit♦ Gr. 12

Students in Health 12 classes will examine the subjects of stress and stress management, preventative health as related to the major health issues of heart disease, cancer, stroke, and diabetes, and cardiopulmonary resuscitation (CPR) and first aid.

Students will research and evaluate strategies to manage stress, evaluate and analyze personal habits and behaviors and identify risk factors for heart disease and stroke, and determine strategies for health enhancement and risk reduction. Students will also learn how to perform CPR, use an automated external defibrillator (AED), and standard first aid

skills. Students who successfully pass the skills tests will have the opportunity to obtain American Red Cross certification in adult, child, and infant CPR, AED, and first aid.

9011 PHYSICAL EDUCATION

.3 Credit ♦ Gr. 9

9021 PHYSICAL EDUCATION

.3 Credit ♦ Gr. 10

9031 PHYSICAL EDUCATION

.3 Credit ♦ Gr. 11

9041 PHYSICAL EDUCATION

.3 Credit ♦ Gr. 12

In physical education classes, students will learn how to assess their fitness levels, design personal exercise plans, and use the exercise equipment in our state-of-the-art fitness center to develop and improve their levels of fitness. Students will also learn and apply the rules, etiquette, skills, techniques, and strategies used in various sports, leisure, and recreational activities.

Students will have opportunities to demonstrate proficiency through regular, meaningful participation in fitness-focused class activities that develop and enhance health- and skill-related fitness, problem-solving skills, and communication skills. Students will evaluate their current fitness levels using the FitnessGram fitness test, write personal fitness goals, create their own personal exercise plan, and use body composition analyzers, pedometers, and heart rate monitors to measure and assess their fitness levels and activity.

Student performance will be assessed using the physical education participation rubric, which incorporates some of the features of the school-wide rubrics for listening and speaking. Fitness testing will be assessed using the FitnessGram fitness testing rubric, which incorporates national standards for students based on age and gender.

9502CF CROSSFIT TRAINING AND CONDITIONING

.5 Credit ♦ Gr. 10-12

Students who want a full year of physical education can take this elective course during the semester opposite their regularly scheduled physical education class.

This course is for student-athletes and fitness enthusiasts who want to challenge themselves with the latest in fitness challenges and exercise programs. Students will participate in activities like cross training circuits, obstacle courses, plyometrics, and other high intensity fitness activities.

Students will have the opportunity to demonstrate proficiency through regular and meaningful participation in class activities.

Student performance will be assessed using the Physical Education Participation Rubric and other content specific rubrics.

Prerequisite: Student must have had an 80 or above average in their most recent Physical Education class and have the recommendation of their current PE teacher.

9502FW FITNESS AND WEIGHT MANAGEMENT

.5 Credit ♦ Gr. 10-12

Students who want a full year of physical education can take this elective course during the semester opposite their regularly scheduled physical education class.

This course is for students who have weight loss and/or general fitness goals in mind. In this course, students will participate in a monitored, twelve week fitness program and learn how to effectively manage their weight and maintain healthy levels of fitness. Students will identify specific, individual health/fitness goals, perform a series of “before” measurements, and **participate in regular, supervised workouts.** Over the course of the semester, students will measure progress towards those goals through periodic assessments and fitness tests.

Students will have the opportunity to demonstrate proficiency through regular and meaningful participation in class activities and through the development and completion of a program log.

Student performance will be assessed using the Physical Education Participation Rubric and other content specific rubrics.

6121 FOOD, NUTRITION AND WELLNESS

.5 Credit ♦ Gr. 9-12

Food, Nutrition and Wellness is co-taught by FCS and PE faculty. Combining select components of courses from both disciplines, this semester course is divided into two major components, as outlined below.

FCS faculty will focus on topics including food handling practices, care of kitchen equipment, food preparation techniques, and basic cooking skills. Students will acquire the basic skills needed to prepare nutritious meals for themselves and their families. PE faculty will focus on topics including healthy eating habits, dietary supplements, planning/designing an exercise program, and managing stress. Students will learn how to make healthy eating choices, how to set fitness goals and design an exercise program to help achieve those goals, and how to manage stress in their lives. Ultimately, students will learn about foods, nutrition, exercise and wellness concepts and practices and how to apply that knowledge to live a healthy, happy life in today’s fast-paced world.

ARTS & APPLIED ARTS

BUSINESS EDUCATION & INFORMATION TECHNOLOGY

Business Education & Information Technology, Ext. 3013

The mission of the Business and IT Department is to provide organized academic and work-related education that offers all Mt. Hope High School students opportunities for career awareness, career exploration, and career preparation. All coursework incorporates digital literacy and citizenship, academic and technical knowledge, work-related skills, as well as extended learning opportunities.

Career Endorsement

In order to earn a career endorsement, a student must meet all the Mt. Hope graduation requirements and the following specific Career Cluster endorsement criteria.

Typical Pathway for Career Cluster – Marketing Management

Endorsement: must complete 3 courses and 3 Extended Learning Opportunities

Required courses:

Marketing & Advertising I (9-12)
Marketing Management (10-12)
Marketing & Publication (11-12)
Marketing & Publication/Project Management (12)

Typical Pathway for Career Cluster – Finance

Endorsement: must complete 2 courses and 2 Extended Learning Opportunities

Required courses:

Accounting I (10-12)
Accounting II (11-12)
Personal Finance (11-12)

Typical Pathway for Career Cluster – Technology

Endorsement: must complete 4 courses and 3 Extended Learning Opportunities

Required courses:

Animation (9-12)
Gaming (9-12)
Web-page (9-12)
Advanced Web-page (10-12)
Video Production (10-12)
Broadcasting (11-12)

2122 ACCOUNTING I

1 Credit♦ Gr. 10-12

This course introduces the accounting principles. The students will read, analyze and interpret business transactions. Students will create financial balance sheets, income statements, journals and ledgers. Student will complete the accounting business cycle for a service business. Students will be able to read, interpret, and analyze financial statements. Students will prepare an accounting business simulation. *(Passing with a 70 will earn college transfer credit at Community College of Rhode Island)* Accounting I meets the fourth year math requirement.

2935 ADVANCED WEB TOOLS

.5 Credit♦ Gr. 11-12

Prerequisite: Web Page Design

This course is a more intense study of web design. Students will design and develop personal pages and business pages using HTML. This class will introduce Microsoft® Expression®, Dreamweaver®. Students will acquire knowledge of hypertext make-up language to create web pages and sites for community members and businesses. These experiential learning opportunities provide students with practical skills, knowledge and real world applications.

2200 CAREER ESSENTIALS

.5 Credit♦ Gr. 9-12

The student will complete a self-assessment, leading to the understanding of career components and culminating in a research project. Students will create a professional resume and various business correspondences and letters. Communication skills are developed through presentations and an interview “role play”. A career portfolio will be developed.

2542 COMPUTER APPLICATION I

1 Credit♦ Gr. 9-12

This course revolves around the concepts and applications of Microsoft Word, Excel, Access and Power Point with an overview of Windows. Students will apply computer skills to various assignments, projects and presentations. Students will create MLA research reports, analyze spreadsheet data, graph reports, create data bases and develop effective research skills. Microsoft Office User Specialist (MOUS) certification test may be taken upon completion of this course.

2910 DIGITAL & INFORMATION LITERACY: BEING A RESPONSIBLE DIGITAL CITIZEN

.5 Credit♦ Gr. 9-10

This course teaches students fundamental digital media and information literacy skills necessary to become a responsible student and citizen in the technological era. Additional concepts and applications include Prezi, Microsoft Office 2010, digital portfolio file management, software integration, research skills, and presentation skills. These Digital and Information Skills are essential for career and college readiness and will enable students to better prepare or their Digital Portfolio graduation requirements. This course is highly recommended for freshmen and sophomores to ensure their success at Mt. Hope High School.

2912 PROFESSIONAL PRESENTATIONS THROUGH DIGITAL PORTFOLIO

.5 Credit♦ Gr. 11-12

This course provides the student with a practical understanding of requirements and skills necessary for creating and delivering professional presentations required in most careers. In addition to developing public speaking skills, students will apply technology tools to enhance learning, increase productivity, and promote creativity. Students will analyze the components of the tour, identify where skills can be found in their work and create a presentation to showcase their skill development and improvement. Media literacy skills will be focused upon to better prepare students for college and career readiness. The culminating presentation will be the digital portfolio tour.

2919 MARKETING AND PUBLISHING

1 Credit♦ Gr. 11-12

This course allows students to apply business and marketing skills along with 21st Century skills such as critical thinking and problem solving, creativity and innovation, communication and collaboration. Using a variety of media forms such as internet marketing; tweeting, webpage and blogging students will be involved in all aspects of the preparation, production, marketing and sales of the school yearbook “The Historian”. Student taking this course should be highly responsible, organized students with a talent for writing, photography, design, business and a commitment to ethical practices, a quality product and deadlines.

2692 MARKETING & ADVERTISING I

1 Credit♦ Gr. 9-12

Students will be introduced to the principles and practices of Marketing.

Today's businesses use E-Commerce and Web sites to market services and products. Students will apply the marketing principles to various types of businesses using current methods. The student will be introduced to the Distributive Education Club of America (D.E.C.A.) and learn the objectives and business ethics of this organization. Students will apply the principles of marketing to an existing business

2723 MARKETING MANAGEMENT

1 Credit♦ Gr. 10-12

Prerequisite: Marketing & Advertising I

This course involves the study and application of the principles of marketing and advertising. Students will operate, manage and run the DECA school store. Using digital media, students will create and design marketing and advertisements. Students will acquire the necessary skills to design personalized sportswear to be sold in the DECA store. Students will develop a business plan to include operating, controlling managing, market research and demographics.

2500 PERSONAL FINANCE

1 Credit♦ Gr. 11-12

This course introduces students to the financial planning process. Students prepare a personal budget, compare interest rates for loans, evaluate credit components and review how to manage a checking account. Students are introduced to and the stock market impact on the economy. Students prepare a financial plan that includes saving, investing, borrowing, risk management through insurance stocks. Students will apply research skills when investigating business stocks then compare the stocks' value and predict the future value of the company's worth. Personal Finance meets the fourth year math requirement.

2915 ANIMATION

.5 Credit♦ Gr. 11-12

Programming with Alice is a modern object-oriented, event driven programming. Students will learn how to animate in a 3-D environment or 'world' by dragging and dropping objects and their methods into a program editor. By using an editor, which can also be displayed in a Java-like language, the user will develop basic syntax rules. Unlike programming in a traditional language, *Alice* recognizes syntax errors and alerts the user to the mistake. At the end of the course, the student will be able to animate objects in a virtual world to create a short movie or clip.

2916 GAMING

.5 Credit♦ Gr. 11-12

Prerequisite: Animation

The continuation or second half of Animation-*Programming with Alice I*. Once animation skills are proficient, students will use their prior knowledge and expand it to include game development. A fun interactive environment will be created that others can interact with.

2602 STRATEGIES FOR SUCCESS I

.5 Credit♦ Gr. 9-12

This course allows the student to develop their personal and interpersonal skills through the use of practical business applications. Students will develop their abilities in leadership, goal setting/attainment, communication and decision making techniques. In addition, strategies will be developed to increase self-discipline, control and motivation in addressing academic and career goals. Students will apply the strategies and techniques created to effectively manage themselves in both an independent and team environment, as they work towards their academic and career objectives.

2572 WEB PAGE DESIGN

.5 Credit♦ Gr. 10-12

This course presents the basics of web page design. Topics addressed are: JAVA, web scripting and web server administration. The students will become familiar with the concept of dynamic data driven websites. Students also study development of multimedia websites using FrontPage® and Dreamweaver®.

2600 VIDEO PRODUCTION

.5 Credit♦ Gr. 11-12

This course will focus on students demonstrating the ability to write video/television scripts, conduct interviews, and learn proper video formatting. Students will learn how to operate a video camcorder along with techniques that relate

to lighting, fading, zooming and audio skills. Basic video editing skills will be taught. Students will produce a single-camera field project. Students will assume the role in the production of the morning announcements, Superintendent's Corner as well as working with developing highlight films for classrooms, athletic teams and other projects throughout the school. These experiential learning opportunities provide students with practical skills, knowledge and real world applications.

2700 BROADCASTING

1 Credit ♦ Gr. 12

Prerequisite: Video Production

This course covers principles and techniques involved in the preparation of news broadcasting. Students learn broadcast reporting skills, where to find news and how to cover it, and how to analyze, prepare and organize news stories. Skills are integrated with Video Production formatting as well as shooting and editing skills in order to produce, direct and broadcast Mt. Hope High School's morning announcement program—HNN.

12116 AP* RESEARCH

**Advanced Placement*

1 Credit ♦ Gr. 12

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of approximately 4000–5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense. **Students are expected to take the AP exam offered in the Spring. Students are responsible for the AP examination fee.**

FAMILY AND CONSUMER SCIENCES

Family Consumer Science Ext. 3242

Family and Consumer Science classes provide students the opportunity to explore and prepare for a variety of careers. These include several human services-related careers: education, culinary arts and early childhood. Students learn a number of essential skills such as promoting nutrition and wellness; balancing personal and work lives; thinking critically and creatively to address problems.

6121 FOOD, NUTRITION AND WELLNESS

.5 Credit ♦ Gr 9-12

Food, Nutrition and Wellness is co-taught by FCS and PE faculty. Combining select components of courses from both disciplines, this semester course is divided into two major components, as outlined below.

FCS faculty will focus on topics including food handling practices, care of kitchen equipment, food preparation techniques, and basic cooking skills. Students will acquire the basic skills needed to prepare nutritious meals for themselves and their families. PE faculty will focus on topics including healthy eating habits, dietary supplements, planning/designing an exercise program, and managing stress. Students will learn how to make healthy eating choices, how to set fitness goals and design an exercise program to help achieve those goals, and how to manage stress in their lives.

Ultimately, students will learn about foods, nutrition, exercise and wellness concepts and practices and how to apply that knowledge to live a healthy, happy life in today's fast-paced world.

6180 CULINARY ARTS

1 Credit ♦ Gr. 10-12

This course is designed for students to gain knowledge and skills in food service and preparation. Students will develop competency in sensory evaluation techniques used in food preparation and presentation. Laboratory experiences will include preparation and service of a variety of food products by applying food safety practices and various dietary and menu planning strategies. Students will investigate career paths in nutrition, culinary arts and food service fields. The course uses the Johnson and Wales *Culinary Essentials* textbook.

Prerequisite: Successful completion of Food, Nutrition and Wellness

6363 CHILD DEVELOPMENT

1 Credit♦ Gr. 9-12

In this course students will analyze physical, social, emotional, intellectual and moral factors that influence growth and development of children from conception to age six. Topics in this year course will include the importance of prenatal care, child's brain development, planning age appropriate activities, and creating a safe and healthy learning environment for children. This course introduces students to career paths in early childhood, education and services.

6403 EARLY CHILDHOOD STUDIES

1 Credit♦ Gr. 11-12

Students will further their learning of children through a field study in an early childhood classroom. A year long course designed for students to observe and interact in a preschool setting. Students will observe, analyze and evaluate practices required for careers in early childhood, education and services. Journal writing and a portfolio will be developed containing learning materials and developmentally appropriate activities. The introduction to the Rhode Island Early Learning and Development Standards (RIELDS) is a component of the course. Course is designed for students that can provide their own transportation to their assigned site.

Prerequisite: Successful completion of Child Development

PERFORMING ARTS

Performing Arts Ext. 3165

PROFICIENCY REQUIREMENT IN THE ARTS

All students at Mt. Hope must demonstrate proficiency in the Fine Arts (Visual Arts, Music, Theatre or Dance) to graduate. Students should expect to complete at least one full year of course work in the Visual Arts, Music or Theatre in order to reach proficiency.

Students selecting **Performing Arts** may demonstrate proficiency in music or theatre. The **Music** proficiency is based on performing, creating and responding to music. Students who elect guitar, digital audio recording, chorus or band will be guided through the proficiency. The **Theatre** proficiency is based on one of the following paths: acting, technical theatre, or playwriting. Upon successful completion of Introduction to Theatre Arts, students will select a theatre path and be guided through the proficiency by electing Acting or Technical Theatre, or Writing for the Stage or Screen. Students selecting **Visual Arts** must complete an Art Portfolio of six proficient art works, two reflections and one response to art exemplars. Upon completion of Art I, students may select an emphasis in drawing and painting, ceramics and sculpture or photography and digital arts. Each art course provides multiple opportunities for students to meet the Visual Arts PBGRs.

MUSIC COURSES

8251BP, 8252BP, 8262BP, 8272BP CONCERT BAND – BRASS AND PERCUSSION

1 Credit♦ Gr. 9-12

Concert Band Brass and Percussion is open to students who play a brass or percussion instrument. Students will develop technical skills, enabling them to perform with expression, a varied repertoire of quality band and solo literature. Students will have multiple opportunities to pass the Arts Proficiency. Students will perform in at least three evening concerts per year. All Concert Band students are members of the Marching Band.

8251WW, 8252WW, 8262WW, 8272WW CONCERT BAND – WOODWINDS

1 Credit♦ Gr. 9-12

Concert Band Woodwinds is open to students who play a woodwind instrument. Students will develop technical skills, enabling them to perform with expression, a varied repertoire of quality band and solo literature. Students will have multiple opportunities to pass the Arts Proficiency. Students will perform in at least three evening concerts per year. All Concert Band students are members of the Marching Band.

8352, 8353, 8363, 8364 SYMPHONIC BAND

1 Credit♦ Gr. 9-12

Symphonic Band is open to students by audition. Students will study, rehearse and perform advanced wind and solo literature with correct technique and expression. Students will have multiple opportunities to pass the Arts Proficiency. Students will perform in at least three evening concerts. All Symphonic Band students are members of the Marching Band.

8373 SYMPHONIC BAND HONORS 3RD YR

1 Credit♦ Gr. 11

Open to students who have maintained a minimum average of 92 in Symphonic Band. In addition to the Symphonic Band requirements, the honors level requires that students will write a critique of one out of school concerts, mentor a younger student, audition for All-State and participate in the RIMEA Solo and Ensemble Festival. All Symphonic Honors Band students are members of the Marching Band.

8374 SYMPHONIC BAND HONORS 4TH YR

1 Credit♦ Gr. 12

Open to students who have maintained a minimum average of 92 in Symphonic Band. In addition to the Symphonic Band requirements, the honors level requires that students will write a critique of two out of school concerts, mentor a younger student, audition for All-State and participate in the RIMEA Solo and Ensemble Festival. All Symphonic Honors Band students are members of the Marching Band.

8421 GUITAR I

.5 Credit♦ Gr. 9-12

Guitar I is designed to offer students the opportunity to learn beginning guitar method. Students will develop technical skills in chord playing, note reading and scales, enabling them to perform a varied repertoire of beginning guitar literature. Students who continue with Guitar II will have multiple opportunities to pass the Arts Proficiency.

8422 GUITAR II

1 Credit♦ Gr. 10-12

Prerequisite: Guitar I and approval of the Department Chair

In Guitar II, students will develop skills of position studies, primary and secondary chords, finger-picking technique and scales. Students will study, rehearse and perform intermediate guitar solo and ensemble literature with correct technique and expression. Students will have multiple opportunities to pass the Arts Proficiency. This is a full year course, which can be taken for one semester, with permission of the instructor.

8420 GUITAR II SEMESTER

.5 Credit♦ Gr. 9-12

Open to students by audition.

8423, 8430 GUITAR ENSEMBLE

1 Credit♦ Gr. 10-12

The Guitar Ensemble is open to students who have successfully completed Guitar I and Guitar II. Students will study, rehearse and perform intermediate to advanced guitar solo and ensemble literature with correct technique and expression. Students will participate in class and community recitals, and performances throughout the year. Students will have multiple opportunities to pass the Arts proficiency.

8450 ADVANCED GUITAR ENSEMBLE

1 Credit♦ Gr. 10-12

Prerequisite: Successful completion of Guitar I and Guitar II.

The Advanced Guitar Ensemble is open to students by audition, who have successfully completed Guitar I and Guitar II. Students will study, rehearse and perform advanced guitar solo and ensemble literature with correct technique and expression. Students will participate in numerous class and community recitals and performances throughout the year. Students will have multiple opportunities to pass the Arts proficiency.

8551, 8552, 8553, 8563 CHORUS

1 Credit♦ Gr. 9-12

Chorus is open to all students who enjoy singing. Students will develop technical voice skills, enabling them to perform with expression, a varied repertoire of quality choral and solo literature. Students will perform in at least three evening concerts per year. Students will have multiple opportunities to pass the Arts Proficiency.

8622, 8623, 8633, 8634 VOCAL ENSEMBLE

1 Credit♦ Gr. 9-12

Vocal Ensemble is open to students by audition. Students will study, rehearse and perform advanced choral literature with correct technique and expression. Students will perform in at least three evening concerts and several community service concerts throughout the year. Students will have multiple opportunities to pass the Arts Proficiency.

8643, 8644 VOCAL ENSEMBLE HONORS

1 Credit♦ Gr. 11-12 **3RD Yr/ 4TH Yr**

Open to students who have maintained a minimum average of 92 in Vocal Ensemble. In addition to the Vocal Ensemble requirements, the honors level requires that students will write a critique of two out-of-school concerts, mentor a younger student, audition for All-State and participate in the RIMEA Solo and Ensemble Festival.

8722 MUSIC THEORY/COMPOSITION I EEP*

.5 Credit♦ Gr. 10-12

**Early Enrollment Program – RI College*

This course is offered to students who would like to learn basic keyboard skills, read, analyze and compose music. Students will study the basic elements of music theory – rhythm, intervals, scales, melody, and harmony. Utilizing music composition software, students will write short compositions demonstrating an understanding of music theory. *(Passing with a B- will earn college transfer credit for at Rhode Island College through the Early Enrollment Program [EEP])*

8724 MUSIC THEORY/COMPOSITION II

.5 Credit♦ Gr. 10-12

Prerequisite: Music Theory/Composition I

Music Theory/Composition II will provide students with advanced instruction of music theory. Students will demonstrate their musical understanding through a variety of musical compositions.

8726 MUSIC THEORY STUDIO EEP*

1 Credit♦ Gr. 12

**Early Enrollment Program – RI College*

This course combines the curriculum of Music Theory/Composition I & II and provides opportunities for students to create more advanced compositions. While the main emphasis is placed on music of the Common Practice period (1600-1900), music of other stylistic periods is also studied. Students will be engaged in a variety of musical exercises including, rhythm and melody dictations, playing piano, composing, analyzing and sight singing. Music Theory and Composition EEP meets the fourth year math requirement for MHHS graduation requirements. *(Passing with a B- will earn college transfer credit at Rhode Island College through the Early Enrollment Program [EEP])*

05114 AP* MUSIC THEORY

**Advanced Placement*

1 Credit♦ Gr. 12

AP Music Theory is designed for students who need it for career study as well as those who desire it for enrichment. While the main emphasis is placed on music of the Common Practice period (1600-1900), music of other stylistic periods is also studied. Students will be engaged in a variety of musical exercises including, rhythm and melody dictations, playing piano, composing, analyzing and sight singing. **Students are expected to take the AP exam offered in the Spring. Students are responsible for the AP examination fee.**

8160 DIGITAL AUDIO RECORDING

1 Credit♦ Gr. 9-12

In Digital Audio Recording, students will learn how to create and record their own songs using the latest in digital recording technology. Students will explore the song structures, rhythms and instrumentation that are used in today's popular music genres from Rock and Pop to Reggae and Hip-Hop. Students taking this course need not have any previous musical study. Students will have multiple opportunities to pass the arts proficiency.

8170 ADVANCED DIGITAL AUDIO RECORDING EEP*

1 Credit♦ Gr. 10-12

Prerequisite: Digital Audio Recording and approval of the Department Chair

Students will further develop skills to create music in various styles through hands-on use of studio equipment. Students will learn to play keyboard and incorporate virtual instruments into their compositions. Students will create original music and sound effects to complement the visual content of movies. The final class project will be to create a music video. *(Passing with a B- will earn college transfer credits for students through the Rhode Island College Early Enrollment Program.)*

THEATER ARTS COURSES

3512 INTRODUCTION TO THEATER ARTS

.5 Credit ♦ Gr. 9-12

This course is a prerequisite for other theatre courses.

This course will focus on introducing the elements of the theatre such as acting and technical theatre through the use of academic overview, theatre games and exercises, live theatre observation, video observation, and in-class participation and performance. A final project will substitute for a final exam with each class member participating as a member of a “theatre company” – taking on the role of either: playwright, director, actor, designer, or technician. Grades for this class will be based on a combination of written work, written tests, class participation, and performance/presentation. Student must attend one high school, college, or professional production.

3482 PUBLIC SPEAKING

.5 Credit ♦ Gr. 9-12

This course can be used as a prerequisite for Acting. This course does not offer opportunities to fulfill Mt. Hope’s PBGR arts requirement.

Ever wish you could get up in class and actually feel comfortable making a presentation? This course will show students how to do that. Students will learn the necessary skills for the four main types of speeches: Informational, Persuasive, Instructional, and Inspire/Entertain. Students will learn the steps to prepare for a presentation as well as directness and competence in vocal ability.

3523, 3530, 3540 TECHNICAL THEATRE

1 Credit ♦ Gr. 10-12

Prerequisite: Introduction to Theatre Arts

This class will focus on the technical aspects of theatre production for students interested in “back-stage” work. Students will build on knowledge gained in Introduction to Theatre Arts. Tech. students will learn the elements of design through participation in actual design and stage construction. Grades for this class will be based on a combination of written work, quizzes, class participation, and actual stage construction & tasks. Student must attend one high school, college, or professional production.

05058 WRITING FOR THE STAGE AND SCREEN

1 Credit ♦ Gr. 10-12

Prerequisite: Introduction to Theatre Arts

This class will allow students to hone their storytelling, communication, and writing skills by experimenting through in-class exercises, reading contemporary theatre examples, analyzing contemporary film examples, as well as drafting and peer editing scenes and monologues. Building on concepts explored in Introduction to Theatre and English courses, students will learn ways to combat pitfalls that many playwrights and screenwriters run into as they craft their stories. This class is well suited for any student interested in creative writing, live performance, writing for contemporary theatre, and writing for film and television. Grades for this class will be based on a combination of class participation, homework, in-class exercises, written work, and a culminating live or filmed presentation of a short scene.

3520, 3526, 3531 ACTING

.5 Credit ♦ Gr. 10-12

3524, 3525, 3532 ACTING

1 Credit ♦ Gr. 10-12

Prerequisite: Introduction to Theatre Arts or Public Speaking

This class will focus on the improvement of acting skills through the use of theatre games, performance process, rehearsal attendance and performance, scene and monologue work. Emphasis is on the tools of the actor (body, face, and voice); and the psychology of character analysis and development. All acting students will be cast in the Fall play production. Students will be expected to rehearse after school and to perform at community events, in school productions, and in acting competitions. Individual responsibility towards self, group, and growth is expected. Grades for this class will be based on a combination of written work, class participation, and performance.

3535, 3560, 3570 ACTORS' STUDIO

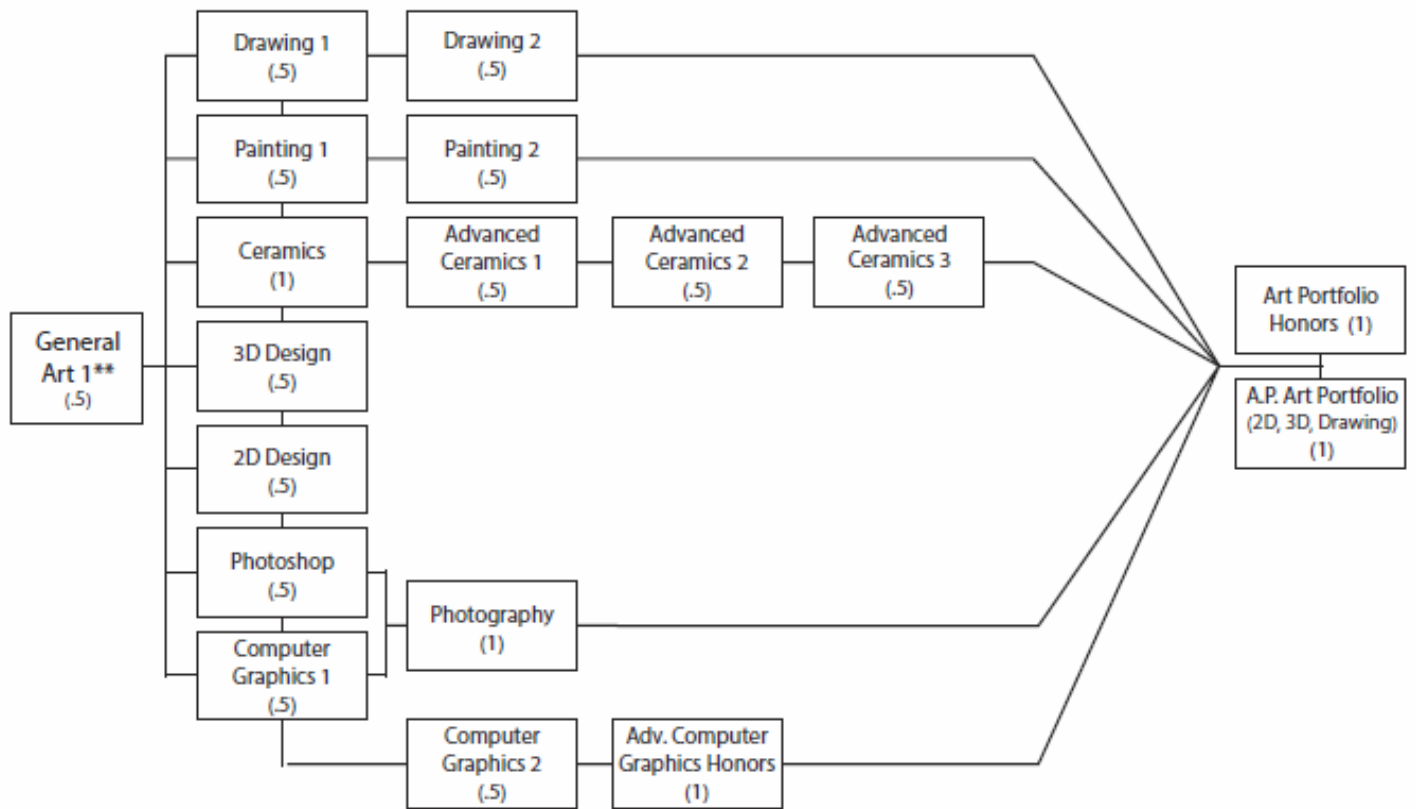
1 Credit♦Gr. 10-12

Prerequisite: Introduction to Theatre Arts, Public Speaking or Teacher approval with audition.

For advanced acting students by teacher recommendation and/or audition. Study and practice will focus on in-depth text analysis and research skills aimed at a more complex development of the craft of acting. Final projects will take the place of a final exam: students will choose 2 contrasting monologues appropriate for college or professional audition. All acting students will be cast in the Fall play production. Student will be expected to rehearse and perform after school. Also, students will be expected to perform at community events, in school productions, and in acting competitions. Individual responsibility towards self, group, and growth is expected. Grades for this class will be based on written work class participation, rehearsal attendances, performances process and performance. Also offered will be an end of year focus on the Auditioning Process for college, community, or professional theatre. Student must attend one high school, college, or professional production.

VISUAL ARTS COURSES

Suggested Pathways to Art Credit and Proficiency Opportunities*



*Students successfully completing 2 semesters of Visual Art courses will have been provided the opportunity to meet both credit and proficiency requirements for graduation.

**General Art 1 is the required prerequisite for all art courses, therefore taking it in 9th grade offers students the greatest opportunity to take advanced art courses. If a student has extensive extra curricular art experience and/or an advanced portfolio of work as an incoming freshman, please make sure to speak with his or her Guidance counselor about the possibility of placing out of General Art 1.

GENERAL ART I

.5 Credit ♦ Gr. 9-12

This foundation course is a prerequisite for all other art courses. Students will work in various two-dimensional and three-dimensional art media including drawing, painting, ceramics and/or sculpture. Students will learn about and respond to art in diverse cultures of the past and present using visual and written resources, and relate this understanding to their own artwork. Assessment will be based on artwork, reflections, critiques, and portfolio review. Students will have the opportunity to complete at least ½ of the Digital Portfolio requirements for Visual Arts.

1155 TWO-DIMENSIONAL DESIGN

.5 Credit ♦ Gr. 9-12

Prerequisite: General Art 1 or permission of department chair

Line, shape, color, form, value, balance, movement—these are just a few of the elements that make up a work of art. How do you use these elements to create great compositions? Students will problem solve using the Elements and Principles of Art and Design to create effective compositions in meaningful two-dimensional works of art. This course will prepare you for the rigorous curriculum in the 2-D Art courses such as Painting, Drawing, Computer Graphics, or Photography, as well as AP Portfolio. Projects will include printmaking, painting, collage, mixed media and drawing. This course is highly recommended for students prior to or concurrent with enrolling in Computer Graphics 1,2, and Honors.

1150 DRAWING I

.5 Credit ♦ Gr. 9-12

Prerequisite: Art I with several “Proficient” drawings

This course provides the student who enjoys drawing with an opportunity to develop the ability to perceive details, proportions and relationships and apply this to 2-dimensional artwork. Students will use a wide variety of drawing media, tools and techniques in drawing from observation, memory and from the imagination. Students will study various types of drawing and create drawings with specific functions: observation, illustration, commentary, narrative, and personal expression.

1152 DRAWING II

.5 Credit ♦ Gr. 10-12

Prerequisite: Art I and Drawing I with several “Proficient” drawings

This course is for students who wish to continue to improve their drawing ability by building on skills and techniques learned in Drawing I. Students will investigate concepts of chiaroscuro, modeling, composition, and proportion in order to communicate their intent through themed assignments. Drawing from observation including figure drawing will be emphasized in order to improve student’s ability to translate three-dimensional form into flat two-dimensional realistic drawings. Students will compare drawing styles of master artists, reflect on their work, and participate in class critiques. Students considering a career in art will have the opportunity to develop drawings that could be used as part of a college or art school application.

1240 CERAMICS

1 Credit ♦ Gr. 10-12

Prerequisite: Art I

Students will learn the processes of creating kiln fired and glazed functional and non-functional ceramics. Students will learn the essential hand-building methods of construction: pinch, coil and slab. As students develop basic skills, they will analyze which methods or combination of methods best apply to a specific assignment. Students will learn basic sculptural techniques with clay. Students will study ceramics and sculpture throughout history and in a variety of cultures. Students will be introduced to the use of the potter’s wheel. Students will maintain a ceramics process folder in which they describe ceramic techniques, design process, problem solving, glaze decoration and their progress over time.

1274 ADVANCED CERAMICS I

.5 Credit ♦ Gr. 11-12

Prerequisite: Art I and the successful completion of Ceramics I with a least 3 “Proficient” ceramic works and approval of Visual Arts Teacher Leader.

This course is for students who developed strong technical skills in both hand-built and wheel thrown forms in Ceramics. Students may take the semesters together or individually. Students will examine both functional and sculptural ceramics and select a concentration for their work. Students will demonstrate mastery of media and development of a personal style in self-directed assignments. Students will examine historical works, artists, constructing techniques, creative glazing, and surface design as it applies to their area of focus. Students will

participate in both individual and group critiques. Students will maintain a journal that describes the construction and glazing process of their artworks.

1275 ADVANCED CERAMICS II Honors

.5 Credit ♦ Gr. 11-12

Prerequisite: Successful completion of Advanced Ceramics I and approval of Visual Arts Teacher Leader.

Second semester Advanced Ceramic students are required to prepare a new concentration or further develop their established Advanced Ceramics series. Students continue to document design process while developing a body of work that is original and creative. A second semester emphasis requires students to investigate historical or cultural connections that relate to their style. Student will create a work inspired by this association and submit a written summary of this artistic connection. In addition, students will participate in several individual and group critiques that assist in the development of a final Artist Reflection and Power Point Presentation.

1276 ADVANCED CERAMICS III HONORS

.5 Credit ♦ Gr. 11-12

Prerequisite: Art 1, Ceramics, Advanced Ceramics 1 & 2 and approval of Visual Arts Teacher Leader.

Advanced Ceramics III Honors, is highly recommended for students enrolled in Art Portfolio AP and applying for the 3D AP Art Studio Portfolio Exam. Students prepare a written proposal that addresses components of design process; including explanations of inspiration, concept, definition and production. Most often coursework is a continuation of previous artworks explored in Advanced Ceramics I & II. Students are expected to schedule afterschool sessions for periodic critiques (review) of their work. In addition, students must maintain a journal that documents their artistic process and reflects their efforts to successfully complete their concentration. Students are required to submit artworks for Scholastic Art Awards and display their work in school and community exhibits.

1301 PAINTING I

.5 Credit ♦ Gr. 10-12

Prerequisite: Successful completion Art I with several Proficient artworks.

Students will develop skills in painting with watercolors, acrylics, and mixed media. Students will become proficient in applying color theory and principles of composition to create original paintings. Students will compare characteristics of paintings and painting styles in relation to historical periods and political, social and cultural contexts. Students will study painting through readings, visual references and by studying original works of art in museums or galleries. Students will participate in exhibits in the school and the community.

1302 PAINTING II

.5 Credit ♦ Gr. 10-12

Prerequisite: Students must have completed Art 1 and several "Proficient" paintings in Painting I.

Building upon the skills learned in Painting I, students will develop more advanced skills in painting with acrylics, and watercolor, and mixed media including collage. Students will be introduced to oil painting and stretched canvasses. Students will study painting through readings, visual references, and by studying original works of art in museums or galleries. Students will participate in planning and hanging exhibits in the school and the community.

1325 PHOTOSHOP FOR PHOTOGRAPHY

.5 Credit ♦ Gr. 10-12

Prerequisite: Completion of Art 1 with several "Proficient" artworks.

Students must successfully complete this course or Computer Graphics 1, in order to take Photography. Students will learn the fundamentals of the program, Adobe Photoshop. Through a variety of in-class projects, students will learn image correction, adjustments and compositional skills which will aid in their understanding of the principles of photography. Visual, verbal and written literacy skills will be stressed. Students will exit this course with the digital tools necessary for the Photography course or their own personal digital photography.

1355 COMPUTER GRAPHICS I

.5 Credit ♦ Gr. 10-12

Prerequisite: The successful completion of General Art I

This course will cover the basics of how to use Adobe Photoshop and Adobe Illustrator. Students learn the mechanics of the programs through creative problem solving assignments involving product and advertising design and drawing and painting using the computer. The Elements and Principles of Art Design are stressed. Projects cover a variety of subjects: History, Art History, Graphic Design and real world applications.

1365 COMPUTER GRAPHICS II

.5 Credit♦ Gr. 10-12

Prerequisite: The successful completion of General Art I and Computer Graphics I

This course is a continuation of Computer Graphics 1. Students will continue to use Adobe Photoshop and Illustrator to complete more rigorous creative problem solving assignments. Students have more freedom in choosing the programs they prefer for each project. The Elements and Principles of Art and Design are stressed. Projects cover a variety of subjects: History, Art History, Graphic Design and real world applications.

1360 ADVANCED COMPUTER GRAPHICS Honors

1 Credit♦ Gr. 11-12

Prerequisite: Art I and successful completion of Computer Graphics I and II.

Students will use Adobe Photoshop, Illustrator, InDesign and iMovie to complete creative problem solving assignments. Students are expected to complete a portfolio of original Graphic Design or Computer Graphics work as an end of course assessment. Students taking this course should expect rigorous coursework that mirrors that of the college level. Critiques will be held during and after each project. It is expected that students will contribute to the critiques in a meaningful way.

1380 PHOTOGRAPHY

1 Credit♦ Gr. 11-12

Prerequisite: Art I, and Computer Graphics I or Photoshop for Photography and approval of Visual Arts Teacher Leader.

This course will cover the mechanics of photography, including the operation of digital and manual cameras, how film works, lighting, downloading to the computer, and digital image manipulation. In addition, students will learn about compositional techniques, depth of field, black and white versus color photography, the history of photography and how to develop a personal style. Students will exit the course with a portfolio of no fewer than 6 Proficient or Advanced photographs, accompanied by written critiques that utilize the appropriate photography vocabulary.

1390 THREE-DIMENSIONAL DESIGN (formerly Sculpture)

.5 Credit♦ Gr. 9-12

Prerequisite: Successful completion of Art I.

Students will explore three-dimensional techniques in a variety of media. Students will learn and apply sculptural design through a series of expressive and technical assignments. The course covers both subtractive and additive processes which may include relief works, mobiles, assemblages, and figurative sculpture. Units include either historical information or a thematic approach. This course is recommended for students who are considering completing a 3D Design AP Art Portfolio.

1440 ART PORTFOLIO Honors

1 Credit♦ Gr. 11-12

Prerequisite: A Portfolio of at least 4 "Proficient" artworks from prior art classes.

This course is for the serious art student who has taken a variety of art courses and may be considering either attending an art school, majoring in art in college, or pursuing an art career. Students will set personal goals as they are guided through the process of developing an Art Portfolio of "Advanced Proficient" artworks that could be used as part of a college application. This course requires a willingness to work independently, and do additional artwork outside the classroom. Students will mat and frame their own work and participate in planning and hanging exhibits in the school and the community. Students will participate in class field trips to art museums or galleries.

1460 AP* 2-D ART PORTFOLIO

**Advanced Placement*

1 Credit♦ Gr. 11-12

Prerequisite: A portfolio of at least 6 Advanced or Proficient artworks, the successful completion of a variety of advanced art courses (2-D Design, Photography, and Computer Graphics courses recommended). For most students the final AP portfolio will include artworks that were completed in prior art courses as well as work completed in this course.

This rigorous course is designed to enable the senior student to pass the **AP Art Studio 2D Portfolio Exam**. It is built upon strong skills learned in Art Portfolio and/or other advanced art courses such as 2-D Design, Photography, and Computer Graphics. Assignments will be individualized to meet the needs and goals of each student to achieve the specific requirements of the **AP 2D Art Portfolio**. In this portfolio students must demonstrate a breadth of skills, high quality of work, personal voice, and a personal concentration. See course description for Art Portfolio Honors for further information on in-class and out of class requirements.

1465 AP*3D ART PORTFOLIO

**Advanced Placement*

1 Credit♦ Gr. 11-12

*Prerequisite: A portfolio of at least 6 Advanced or Proficient artworks, the successful completion of a variety of advanced art courses (Ceramics, Sculpture**, and 3-D Design courses recommended). For most students the final AP portfolio will include artworks that were completed in prior art courses as well as work completed in this course.*

This rigorous course is designed to enable the senior student to pass the **AP Art Studio 3D Portfolio Exam**. It is built upon strong skills learned in Art Portfolio and/or other advanced art courses such as Ceramics, Advanced Ceramics, Sculpture*, and 3-D Design. Assignments will be individualized to meet the needs and goals of each student to achieve the specific requirements of the **AP 3D Art Portfolio**. In this portfolio students must demonstrated a breadth of skills, high quality of work, personal voice, and a personal concentration. See course description for Art Portfolio Honors for further information on in-class and out of class requirements.

***beginning in 2014-15, Sculpture will be called 3D Design*

1466 AP* DRAWING ART PORTFOLIO

**Advanced Placement*

1 Credit♦ Gr. 11-12

Prerequisite: A portfolio of at least 6 Advanced or Proficient artworks, the successful completion of a variety of advanced art courses (2-D Design, Drawing and Painting courses recommended). For most students the final AP portfolio will include artworks that were completed in prior art courses as well as work completed in this course.

This rigorous course is designed to enable the senior student to pass the **AP Art Studio Drawing Portfolio Exam**. It is built upon strong skills learned in Art Portfolio and/or other advanced art courses such as 2-D Design, Drawing, and Painting. Assignments will be individualized to meet the needs and goals of each student to achieve the specific requirements of the **AP Drawing Art Portfolio**. In this portfolio students must demonstrated a breadth of skills, high quality of work, personal voice, and a personal concentration. See course description for Art Portfolio Honors for further information on in-class and out of class requirements.

PUPIL PERSONNEL SERVICES

Pupil Personnel Services Department Ext. 3124

All formalized Pupil Services are delivered in accordance with The Rhode Island Regulations Governing “The Education of Children with Disabilities”, based on state and federal eligibility criteria. Students with IEP’s may enroll in all courses, grades 9 – 12, offered by Mt. Hope High School and are guided through this process by their IEP Teams. In addition, the Pupil Services Department coordinates additional support for students both with and without identified disabilities. The programs described under the Pupil Services section are available through the department to any student who needs them. Determination of eligibility for enrollment in these programs must occur with administrative approval based on the individual needs of students.

The law is very clear with regard to an equal education for all. The *Americans with Disabilities Act* states that “Local school districts are required to assure that, to the maximum extent appropriate; children with disabilities are to be educated with children who are not disabled. Special classes, separate schooling or other removal of children with disabilities from the regular educational environment occurs only when the nature or severity of the disability is such that education in the regular classes with the use of supplementary aids and services cannot be achieved satisfactorily.” This act requires that students with disabilities have meaningful access to the general curriculum and are included in the general education reform efforts. Accountability and high expectations are the norm for all Mt. Hope High School students. In order to conform to the regulations, as established students with disabilities, are included in the general curriculum and the general and district-wide assessment programs.

Students receiving support from Mt. Hope High School's Pupil Services Department enroll in general curriculum courses. These courses may include collaborative sections in the core subject areas. Collaborative classes are co-taught by a general education teacher(s) and the specialist (special education teacher) in which they share planning, teaching and evaluation within the collaborative (mainstream) setting. Support in these courses is provided based on their individual needs according to their IEP's. Core courses, as well as elective courses, may be selected from the general curriculum. Other specific programs offered through the Pupil Personnel Services Department can be found on Page 9 under the *Specialized Student Support Services* heading.

**Prerequisite: Approval of the Pupil Services Department Chair.*

Mt. Hope High School offers an Alternative Learning Program to meet the academic, emotional and behavioral needs of students identified with an Individualized Education Plan. The program utilizes the small group setting that provides students with a highly structured, low stimulus environment in order to maximize their chances for success. ALP employs a comprehensive and logical contingency management system. Placement in ALP is determined by the Pupil Personnel Department Chair and the IEP Team.

15441, 15442 CONTENT READING I*

1 Credit♦ Gr. 9

15443, 15444 CONTENT READING II*

1 Credit♦ Gr. 10

15445, 15446 CONTENT READING III*

1 Credit♦ Gr. 11

15447, 15448 CONTENT READING IV*

1 Credit♦ Gr. 12

These courses in Content Reading incorporate the use of themes and reading strategies as students are exposed to and explore various reading materials. Students will learn to use strategies before, during and after reading to develop and strengthen their reading skills. Students will develop their skills in the areas of decoding, vocabulary and basic comprehension. Students will complete activities to analyze, interpret, and evaluate reading material to aid in their understanding of specific subject matter content. Students will produce written work, and complete projects, the topics of which relate to the other disciplines such as mathematics, science and social studies.

15165–15166 STUDY/ORGANIZATIONAL SKILLS *

.5 Credit♦ Gr. 9-12

This course is designed to provide academic support to students in a small group setting based on an individualized plan. The amount of time a student participates in this course is determined by the student’s plan. Students are required to bring class assignments to further develop their basic academic skills, improve organizational skills, develop appropriate time management skills, develop self-advocacy skills, and expand study strategies. Students will learn

organizational and study skills strategies to help them be better students. Students should be able to apply these skills to other content area subjects.

17310 ENGLISH 9-EXPLORING LITERATURE*

1 Credit♦ Gr. 9

17320 ENGLISH 10-AMERICAN LITERATURE*

1 Credit♦ Gr. 10

This course offers reinforcement and development of skills in reading, writing, listening, grammar, speech, as well as a general approach to the English language. These standards-based classes will focus on writing refinement skills, reading skills and comprehension, an independent approach to English, based on the specific needs of the student. This is a two (2) course series to complete requirements for themes in Literature and American Literature.

17330 ENGLISH 11-BRITISH LITERATURE*

1 Credit♦ Gr. 11

17340 ENGLISH 12-WORLD LITERATURE*

1 Credit♦ Gr. 12

These courses offer reinforcement and development of skills in reading, writing, listening, grammar, speech, as well as a general approach to the English language. These standards-based classes will focus on writing refinement skills, written compositions, and reading and responding to both informational and literacy texts. This is a two (2) course series to complete requirements for British Literature and World Literature.

17710 MATH 9-ALGEBRA 1, PART 1*

1 Credit♦ Gr. 9

17720 MATH 10-GEOMETRY*

1 Credit♦ Gr. 10

These courses students will be given instruction in numbers and operations. They will also investigate basic concepts from algebra and geometry. This course will reinforce arithmetic and problem solving skills through real life applications. Students will learn about variables, two and three dimensional figures, statistics, and how to solve equations.

17730 MATH 11-ALGEBRA 1, PART 2*

1 Credit♦ Gr. 11

17740 Math 12-LIFE SKILLS MATH*

1 Credit♦ Gr. 12

In these courses, students will be given instruction to basic numbers and operations, and algebra skills. It also covers skills relating to the area of budgeting, banking, credit and utilizing charts, tables, and graphs. The focus of this course is to provide students with practical application of math skills. This is a two (2) course series to complete requirements for continuing Algebra and Life Skills Mathematics.

17121 LIFE SCIENCE*

1 Credit♦ Gr. 9

This course offers a standards-based approach to learning life science. Topics investigated include: classifying living things, cells, human body systems, genetics, ecology, and evolution. This course does not fulfill college-level laboratory science requirements.

17122 PHYSICAL SCIENCE*

1 Credit♦ Gr. 10

This course offers a standards-based approach to learning life science. Topics investigated include: classifying living things, cells, human body systems, genetics, ecology, and evolution. This course does not fulfill college-level laboratory science requirements.

17123 EARTH SCIENCE

1 Credit♦ Gr. 11

This course offers a standards-based approach to learning earth and space science. Students will develop their knowledge of earth and space science in conjunction with a variety of basic scientific processes. This course does not fulfill college-level laboratory science requirements.

17124 ECOLOGY**1 Credit♦ Gr. 12**

This course offers a standards-based approach to learning earth and space science. Students will develop their knowledge of earth and space science in conjunction with a variety of basic scientific processes. This course does not fulfill college-level laboratory science requirements.

17131 SOCIAL STUDIES 9-WORLD HISTORY***1 Credit♦Gr. 9****17132 SOCIAL STUDIES 10-WORLD HISTORY*****1 Credit♦ Gr. 10**

This two-year course offers a standards-based approach to World History. The students will develop an understanding of World History. This course will cover the historical period from the post-Middle Ages to the present. The students will learn how the events of the period shaped our world.

17133 SOCIAL STUDIES 11-US HISTORY***1 Credit♦ Gr. 11****17134 SOCIAL STUDIES 12-US HISTORY*****1 Credit♦ Gr. 12**

This two-year course offers a standards-based approach to Social Studies. The students will develop an understanding of US History. This course will cover the historical period from the Articles of Confederation to the Stock Market crash. The students will learn how the events of that time period shaped our world. In addition, the students will also participate in a service learning project as part of their coursework.

16016 PLANNING CENTER**.5-1♦ Credit**

The Planning Center is a structured environment provided to students with a specific, identified need. A specialized team will review the student's identified need to determine if the planning center will offer the best placement for the student to meet his/her academic goals. Placement may include an as-needed basis, resource period or a part-time placement.

NONDISCRIMINATION POLICY

The Bristol Warren Regional School District does not discriminate in admission to, access to, treatment in, or employment in its services, programs, and activities, on the basis of race, religion, color, or national origin, in accordance with Title VI of the Civil Rights Act of 1964 (Title VI); on the basis of sex, in accordance with Title IX of the Education Amendments of 1972; on the basis of disability, in accordance with Section 504 of the Rehabilitation Act of 1973 (Section 504) and Title II of the Americans with Disabilities Act (ADA); or on the basis of age, in accordance with the Age Discrimination Act of 1975 (Age Discrimination Act); or on the basis of sexual orientation in accordance with the Rhode Island General Laws.

Inquiries concerning the application of Title V, Title IX, Section 504, the ADA, the Age Discrimination Act, and their respective implementing regulations may be referred to: Director of Administration & Finance, (401) 253-4000 Extension 5109, whom the school district has designated to coordinate its compliance activities with these regulations and investigate complaints filed through its internal grievance procedure.

Such inquiries also may be referred to the U.S. Department of Education, Office for Civil Rights (OCR), J.W. McCormack POCH, Boston, Massachusetts 02109-4557. Generally, within 180 calendar days of alleged discrimination or harassment, or within 60 days of receiving notice of the Bristol Warren Regional School District's final disposition on a complaint filed through Bristol Warren Regional School District's internal grievance procedure, the grievant also may file a complaint with OCR.

This notice is provided as required by Title II of the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973. Questions, complaints, or requests for additional information regarding the ADA and Section 504 may be forwarded to the designated ADA and Section 504 Compliance Coordinators:

ADA

Director of Administration & Finance
151 State Street
Bristol, RI 02809
(401)253-4000 Ext. 5109

504

Director Pupil Personnel
151 State Street
Bristol, RI 02809
(401)253-4000 Ext. 5125

504 (In-House)

Assistant Principal
199 Chestnut Street
Bristol, RI 02809
(401)254-5980 Ext. 3004

CENTRAL ADMINISTRATION -- (401) 253-4000

Mario J. Andrade
Superintendent of Schools

Diane Sanna
Assistant Superintendent

Pauline A. Silva
Director of Administration & Finance

Mary N. Almeida
Executive Director of Literacy & ESL

Leslie Anderson
Director of Pupil Personnel Services

EQUAL EDUCATIONAL OPPORTUNITIES

The School Committee will provide educational opportunity to all, adapted to individual interests and abilities. There will be no discrimination on the basis of race, creed, sex, sexual orientation, color, religion, nationality or disability.